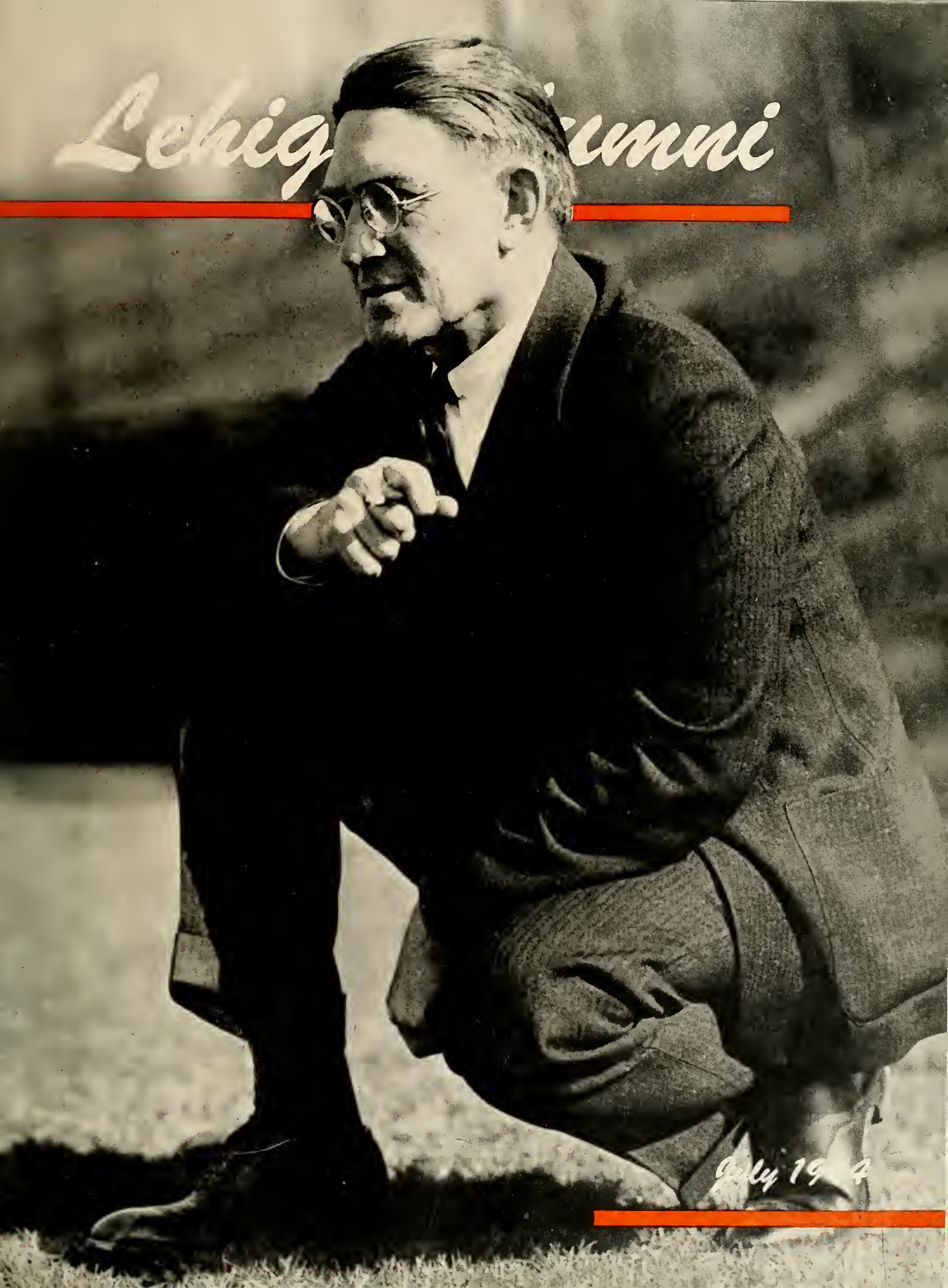


Lehigh Alumni



July 1944



"I Wonder What Jim's Doing Now!"

The anthem they're singing . . . it was always one of Jim's favorites.

How handsome he looked in his uniform when he was home. He wore a sergeant's stripes but I shall always think of him as my baby. As we talked together, he seemed much older and more assured—but all the time I was thinking of how he used to say his prayers every evening at my knee.

Yes, Jim has really grown up. He has seen action in foreign lands. He has seen, too, with his own eyes, what has happened to the people of those countries.

"Until I actually saw it," he wrote, "I never could have believed what complete regimentation can do to a people. It was done so cleverly and so gradually by their leaders. The people traded rights as free citizens for glittering promises of security. Within a few years they had not only lost their freedoms but their security too."

I guess Jim never fully realized until now what it means to live as a free American. He says he knows now what he is really fighting for—to keep America free.

At first, I only half understood what he meant. It's hard to believe, but he is actually worried about what's going on back here in America.

Jim's final words in that same letter will always stay with me. "Mother," he wrote, "you can depend on me to handle our family's share of the fighting over here. But I've talked it over with lots of the fellows I know. And we're expecting you folks back home to keep alive the things we're fighting for . . .

"I want to make my way in the world on my own, Mother, like you and Dad have done—after we've cleaned up this mess. All I want is a fair chance to get ahead . . . without needless interference. When I get back, I merely want the opportunities that only our American way of life can give."

REPUBLIC STEEL

General Offices: Cleveland 1, Ohio

Export Department:
Chrysler Building, New York 17, N. Y.



Our American system of enterprise has helped change this country from a colony to the world's greatest nation within a few generations. It has helped maintain our freedom to work, worship, speak, think, play and vote as we please. In fighting a war to restore freedom to the world, let us be sure that we shall keep our own.

ALLOY, CARBON, STAINLESS STEELS • COLD FINISHED STEELS
PLATES • BARS • SHAPES • STRIP • SHEETS • PIPE • TUBING

TIN PLATE • NUTS • BOLTS • RIVETS • NAILS • PIG IRON
FARM FENCE • WIRE • FABRICATED STEEL PRODUCTS

Lehigh Alumni Bulletin

Year's end found Lehigh University holding her own. More important, spirits were on the upgrade. A sine wave of alternate concern and optimism was leveling out and the trend was encouraging. Financing still remained a moot point in the face of the vagaries of war.

Three months had passed since a budget committee, consisting of deans of the three undergraduate colleges, had been appointed by the Board of Trustees. Meantime, Deans Palmer (Arts), Carothers (Business), and Callen (Engineering), had been giving ample evidence that they knew what they were about.

Whittling down a University is no mean job - especially when it has been decided that no ground will be given on the quality of education. Key faculty members were put on the "must" list to guarantee the quality. Younger men found jobs in industry, often at a marked increase in pay. Some were granted leaves of absence for research. Others were given commercial research projects on the campus to bolster reduced teaching hours.

Capable "Andy" Litzenberger, supervising architect, combed buildings and grounds for economy. Harassed accountants Allen and Schissler pulled figures from the University's complicated books, and Acting Treasurer Taylor interpreted. The deans themselves pored over many a departmental budget and cut not-quite to the quick.

Statistics amassed, the budget committee was content to project facts and probabilities four months only. Their generalizations:

1. With a strictly civilian enrollment of 150; with \$15,000 from alumni (\$45,000 for the entire fiscal year) the University could anticipate a one-third year deficit of \$49,000.
2. Lehigh would continue to offer the traditional high standard of education to each student (better, in many cases, because of lower professor-student ratio).
3. Any further student accessions, Army or civilian, would better the financial picture.

By June 19 the University trustees, whose hell-for-leather attitude in this critical period had galvanized the campus into enthusiastic response, were again in session. Moving into high gear, the Board acted upon the suggestion of three of its members who, at various times during the past year, had pointed out their inability to attend meetings and suggested replacement. With regret, the Board accepted the resignations of veteran (1921-1944) Charles D. Marshall, '88; newcomers Thomas S. Gates, Jr., and Albert N. Williams. Promptly they named former alumni trustees J. D. Berg, '05, of Pittsburgh, A. E. Buchanan, Jr.,

'18, of Bridgeport, and Walter S. Landis, '02, of New York, to the open chairs. Foreposted, the successors were on hand and business proceeded without a broken stride.

By July 6 the president's office was occupied by the Administrative Committee and across the president's desk was coming heartening news. From the War Department came the usually-guarded indications that 200 or more air cadets might be expected to begin courses (basic engineering) in August. Enrollment for the summer semester, estimated at 150 civilian students, stood close to 300. Research projects were growing apace. The Board's executive committee, in its first session, pored over year-end reports and found:

1. Thanks to Government subsidies for Army training over the past 12 months, Lehigh had managed to pay its way.
2. Thanks to increased student enrollment, the budget committee's anticipated deficit for the next four months would be reduced by \$10,000.
3. Thanks to the War Department (pending actuality) the deficit for one-third year might be pared another \$20,000 by accessions from the Air Corps.

Meanwhile, reports from the Alumni Association showed that Lehigh graduates were more than good on their promise to give the University \$30,000 this year. Final receipts showed over \$38,000 to have been turned over to the University for operating expenses, setting the highest total in six years. Alumni directors had already accepted the University's basic request for \$45,000 in the next fiscal year, boosted it \$6,000 more and agreed to assume responsibility for the University's public relations program for the duration. The road ahead for Lehigh was still befogged, still hazardous but Lehigh men were showing that they knew the score.

In committee, as this issue of the Alumni Bulletin went to press, were creative suggestions aimed at the future, covering many phases of University activity and clearing the deck for post-war planning. No outstanding candidate for the vacant presidency had appeared on the horizon, but daily the administrative committee was making friends, influencing the faculty.

It was obvious that Lehigh's greatest asset, her reputation, was to continue intact, and her heritage of education stressing basic science, maintained in the face of a vogue for chromium-plated specialty courses, was still the best answer to nebulous post-war requirements.

The Editors

Published monthly, October to August, inclusive, except during December and January, when it will be published bi-monthly, by the Alumni Association of Lehigh University, Inc., Alumni Memorial Building, Bethlehem, Pa. Printed by the Globe-Times Printery, Bethlehem, Pa. Entered as second-class matter at Bethlehem, Pa., Post Office. Subscription price \$3.00 per year.



The Lehigh Alumni Bulletin

It is with pride that the Bulletin editors dedicate this issue to the memory of a Lehigh son who for twenty-six years played a major role in the development of a great University. His death on Nov. 4, 1943, ended a career of service to his alma mater, but his ideals and accomplishments were so far reaching that present and all future generations of Lehigh men will hold dear the memory of Walter R. Okeson, '95.

Features

To the Editor.....page 5

To the Unknown Goal

Excerpts from thoughts of Walter Okeson

.....page 6

My Friend Walter Okeson

by R. S. Taylor, '95page 10

Dear Okey

by A. E. Buchanan, Jr., '18page 12

Unrivalled Monument

by Lou Littlepage 13

Walter R. Okeson

by R. F. Herriek, '34page 15

The Spirit of Okey

by H. D. Wilson, '01page 16

Okey As A Coach

by Cadwallader Evans, Jr., '01

and F. B. Gearhart, '01page 18

And Here Signed Boldly on the Scroll

Tributes from friends of Walter Okeson

.....page 20

Commencement in June.....page 22

Executive Sessionpage 24

Minutes of Board Meeting....page 27

List of Degrees Conferred.....page 34

Lives of Lehigh Men.....page 38

Apology

IN publishing this type of memorial issue, the editors are keenly aware that errors of omission, if not commission, may appear. For these, a sincere apology is offered.

An attempt has been made to present tributes from those who, in the opinion of the editors, speak for groups of Okey's friends. So close are lines of demarcation and so vast the field of Okey's activities, however, that injustices may have been done. If such exist, they are entirely unintentional.

heat problem:

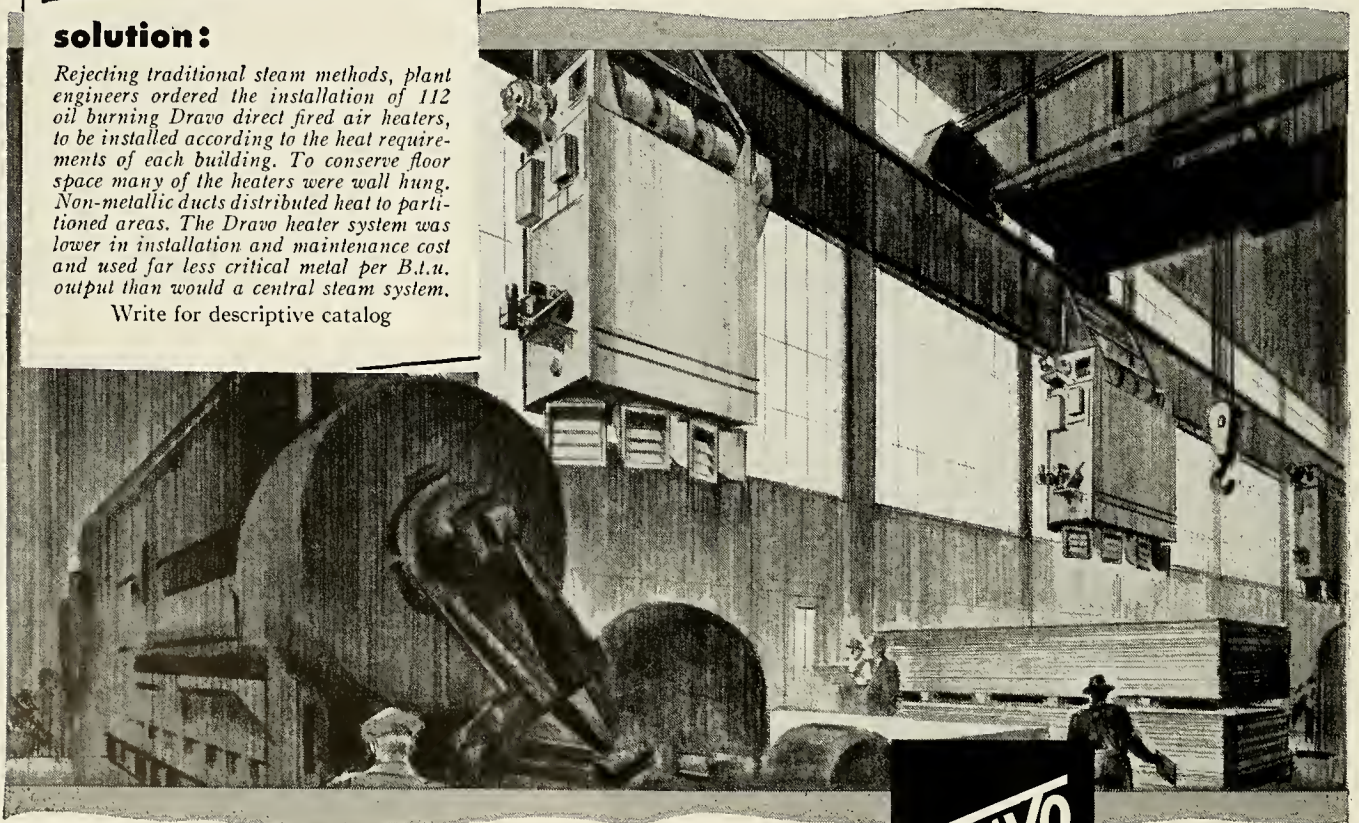
**requirements 135,000,000 B.t.u. . . .
separate buildings all over town . . . heat
this entire plant . . . and quickly . . .**

Scattered throughout one of the great industrial centers of America, this group of discarded manufacturing plants was to be revitalized to serve as Defense plants. Dry heat was required to prevent corrosion of sheet metal stock. Floor space was at a premium, making it necessary to plan for future shifting of heaters as space requirements changed. Plant ceilings were high and numerous office sections were involved. The use of a central steam heating plant would involve an excess of critical metal, costly maintenance and installation and too much time to construct.

solution:

Rejecting traditional steam methods, plant engineers ordered the installation of 112 oil burning Dravo direct fired air heaters, to be installed according to the heat requirements of each building. To conserve floor space many of the heaters were wall hung. Non-metallic ducts distributed heat to partitioned areas. The Dravo heater system was lower in installation and maintenance cost and used far less critical metal per B.t.u. output than would a central steam system.

Write for descriptive catalog



DRAVO CORPORATION • PITTSBURGH

DRAVO

Heating

To the Editor

Reunion in Hawaii . . .

"Bucky" MacDonald told me to be sure to send this flashlight photo to you so that you all will be posted as to his whereabouts. The local papers (Honolulu) gave us a good write-up, saying that two former Lehigh athletes who have not seen each other for 25 years held a reunion recently, etc., etc. The enclosed photo was thrown in for good measure, and if you don't recognize the guy in the white suit, why it's me, roommate and classmate of Bucky's.

"Bucky has been shifted around quite a bit and has covered a lot of territory since the blitz at Pearl Harbor. The old boy hasn't changed a bit except that he has put on a lot of weight. I'd like to say more about Bucky, but you understand, there is such a thing as censorship.

"As for myself there isn't much to tell except that I was fortunate enough to make the last boat, the "President Coolidge," out of Shanghai in October, 1941, arriving here about six weeks before the sneak attack on Pearl Harbor. I went to Shanghai in 1936 before the Japs decided to take China entoto. Starting from Peiping in July, 1937, they continued their march until they came to Shanghai in August and after four months of bloody war, they finally seized the city and made it a hell on earth, a Jap version of Paradise. Why I spent four years longer under their thumb, I can't explain except to see first hand how cruel, inhuman, and barbaric these sons of banzaïs really are. There aren't enough words filthy enough to describe these usurpers, robbers, thieves, purveyors of everything that is indecent and immoral like prostitution, wide-open gambling, and unrestricted trade in opium, heron, morphine, etc., etc.

"We have to win this war and give the Japs a taste of their own medicine. We hope to level their cities, towns, and villages, like they have done in all parts of China and starve and torture them like they have done to millions of innocent Chinese and

others. They don't know what it is to be at the receiving end of a bullet or a swift kick in the pants; to see their own innocent people killed in their presence, their loved ones forced into slavery; young girls raped, women mistreated.

"When this war is won, there shouldn't be any sympathy wasted on these fanatics, destroyers of civilization and everything that is good. They should be burned in oil for all their dirty deeds throughout China and Asia. When this is done, the world will know that any nation with a lust for world conquest at the expense of weaker nations will eventually seal its own doom and find that it does not pay.

"After this war is over, I am planning to visit the east coast and Lehigh before going back to China, to help where I can, in building a new China, a free China, the balance of power in the Far East so that she will rightfully take her place in the family of nations."

Very Sincerely

Alfred T. L. Yap, '19

Letter from Italy . . .

"I want to thank you for getting the *Alumni Bulletin* and letters over to Italy so promptly. Next to a letter

from home, news of Lehigh has preference. . . .

"While in Africa, I met Ensign Doug Hare, '42, in an officers' club. He is on a YMS, and was the first Lehigh man I had met since seven of us held a reunion in Norfolk. As for me, I'm in the civilian navy, the amphibious force, land based, and fairly well satisfied. I'm with a crackerjack of an outfit, one which has had two invasions under its belt. So a newcomer like me with but five months overseas duty can pick up a lot of savvy from a seasoned gang.

Best of luck

Ensign Alfred L. Haft, '43

Live by the Times . . .

" I read Lee Greenbaum's article on Co-education with extreme interest, and, in brief, I want to put in my vote in favor of all he has said. Repetition of the arguments for such a change is not necessary. The Editor of the Brown and White has expressed them ably enough. But a loud "Hear, Hear" should be sent up for his statement that we must live in the times, not by tradition. "Tradition" puts women in the background. The "Times" show that they are on the same footing as men are. Lehigh is progressive enough to acknowledge that fact, I'm sure.

Sincerely

Sgt. Carl Creidenberg, '42

BUCKY AND AL

"The old boy hasn't changed . . ."



"To the Un

Here, in the thoughts gleaned from countless articles and addresses by Walter Okeson, may be found some of the philosophy and much of the common sense that endeared him to his world.

DID it ever occur to you that the real work of the world is done by a very small percentage of its inhabitants? A few scientists discover the principles which underlie Nature's laws. A few inventors apply these principles to practical everyday use. A few business men with vision promote the manufacture of the machines or the use of the processes so invented. A few leaders of thought beat down gradually the old-time prejudices which would tend to prevent the progress made possible by the work of the scientists, inventors and business men. A few humanitarians work to prevent the enslavement of human beings to the machine. A few educators, writers and artists show us that food and shelter alone are not enough to satisfy the inner needs of mankind. A few great preachers stimulate the imagination to conceive of higher things than physical, mental or cultural needs.

All told these leaders in thought and action number perhaps but two or three in every hundred of the world's population. On the number appearing in each generation depends the place that generation will take in the world's history. They are the leaven with which the whole lump is leavened.

This being the case the important thing for every young man or young woman to consider is whether or not the possibilities of leadership lie within them. If so, then whatever their particular talents may be it behooves them to develop these talents to the utmost.

Leadership is the one big prize the world has to offer. Complete happiness or contentment is not possible for human beings. Contentment is reserved by Nature for the oyster. Great

wealth it is possible for an individual to achieve, but while this brings power it seldom produces leadership and after the first flush of successful acquisition is past, wealth apparently gives but little permanent satisfaction. A quiet, helpful, earnest, honest life devoted to family and friends is often praised by speakers and writers. But I say to you if you have the elements of leadership within you such a life will be barren of satisfaction. Always you will feel that you have prostituted your talents and failed to realize your potentialities.

Philanthropy

I have nothing but sorrow in my heart for those poor folk whose narrowed viewpoint and selfish souls prevent them from ever realizing the joy of working and giving so that human suffering may be lessened and human sorrow assuaged. It is strange that so many do not as yet realize that only as we do for others can any real satisfaction and joy in life be attained. Every great religion and every deep philosophy the world has known has taught that truth and yet many there be who still have not learned it. Subconsciously I think everyone must know it, for all people join in making heroes out of those who sacrifice their lives for others. The soldiers who die a patriotic death and the men and women who lose their lives in an effort to save others have been, and always will be, the world's heroes. Just a few days ago we celebrated such a sacrifice on the part of Christendom's greatest personality. Yet even among the many who worship at the shrine of this personality we find those who will make no real sacrifice for their fellow man.



Known Goal"

"Man, the unwearied Climber,

That Climbed to the Unknown Goal"

The Dream of Man

Education

If we start in by recognizing that colleges and universities are, and always will be, imperfect human institutions manned by every-day folk like ourselves our analysis and criticism will be of some value.

That our American colleges have many correctible faults no one will deny, but a lot of them are the normal expression of the national spirit. The idea that every boy and girl should go to college results in crowding into these institutions an enormous number of youngsters who are not in any sense college material. Colleges such as Lehigh are trying to correct this by more careful selection and the rejection of a large proportion of applicants, but as long as we have hundreds of institutions dependent for existence on tuition, these rejected ones will find a place in some undergraduate body with one of two results inevitable. Either they will flunk out or the college standards will be lowered to let them through. In the latter case they will probably be added to the army of unemployed college graduates.

Sportsmanship

When anyone feels called upon to take up the cudgels in defense of football almost invariably one of his arguments in favor of the game is the manly, sportsmanlike qualities it is presumed to develop in the players. By implication, then, sportsmanship is not a normal human quality but requires to be developed by precept and training. This implication will find few to refute it. The ordinary man-child is not naturally honest, truth-telling and sportsmanlike. It requires training of a high order to produce that flower of civilization—"a gentle-

man and a sportsman." In truth these terms are synonymous and no man can be rightly called a gentleman if he is not a sportsman and every true sportsman, by virtue of the qualities which make him a sportsman, is perforce a gentleman. So the old saying that "football is a game for gentlemen" really means it is a game which cannot live except it be played by sportsmen. It is too violent a pastime for the man who harbors viciousness in his nature, whose temper is not under control or who has in his make-up a streak of cowardice.

Football

Today many a player is burned out by the time he enters college due to the fierce competition in high schools. This game is not of the type to which school boys should be exposed except in the way of informal games. The pressure to win to which the whole population of the town contributes creates an unwholesome atmosphere for the adolescent boy. The grinding drill to which a squad must be subjected if a team is to be created is not good for a growing youngster. His play should be play and his work should be confined to the classroom and his home duties. Once he has reached the working age, with his growth attained, his bones and muscles matured, the hard drill of the football field is good for him. His grandfather, and perhaps his father, was starting to work at the age he is entering college. Discipline and hard work did not hurt them and will not hurt him. In a word, football is a man's game and not a game of undeveloped boys.

There is another feature which is often overlooked in the desire to create





A Tribute

THE LEGEND "In memory of Walter R. Okeson" now appears on the Football Cup of the Lehigh University Club of

Philadelphia, awarded annually in the Inter-Academic Athletic Association of that city.

The expressed desire on the part of the club is to pay tribute to Okey and to bring to the schools comprising the Inter-Academic Athletic Association a steady reminder of a man who did so much for the game of football.

The Lehigh club's trophy was first put into competition 12 years ago and is given outright to the Philadelphia school which wins it three times. A continuous existence of 55 years is boasted by the Inter-Academic Athletic Association which includes the following private schools: Germantown Academy, Haverford School, Penn Charter, Episcopal Academy and Friends Central.

a winning team. Both the high school boy and the college undergraduate is preparing himself for his work in the world. Nowadays too many high school boys who are athletes are being neglected by the school authorities. As long as they produce on the playing field their poor work in the classroom is glossed over. They go out into life or come to college ill prepared. Talk to any college administrator and he will tell you of the great number of high school athletes who wish to go to college who cannot make the grade or if they do get under the bar flunk out in short order. The boys have not been taught to study or to think.

The college undergraduate, even if he be well prepared, has no easy row to hoe. Given he be intelligent and a reasonably hard worker he can spare the fall season to football and not slight his college work in too great a degree. But he has to be a smart boy indeed if he can give up five months to football's exacting routine. It is not so much the time consumed as the fact that a hard afternoon of football drill followed by the hearty meal he is sure to consume produces a boy too sleepy for much study.

Officials

On the official rests the responsibility of enforcing the rules, but if he stops there he has failed signally. In

all games but in football especially, it is the duty and should be the joy of every official to encourage and pro-

mote a spirit of sportsmanship. He does not wait for viciousness to develop but, quick to sense trouble from the manners and speech of opponents, he drops a word in season and throws the weight of his authority on the side of the code which every true lover of football upholds. I remember a game in which rough talk had started and tempers were strained to the breaking point. On a line plunge I was obliged to go into the pile after the ball. As I placed it I noted that both Captains and most of the players were immediately around me. Still on one knee, with my hands on the ball, I looked up and remarked, "Two fine old colleges with great traditions are being represented by you fellows. Do you think you are adding much to their reputations?" Quick as a flash one Captain got it and exclaimed, "You won't hear another word out of my team today" and the other Captain followed suit with "nor out of mine." "All right," I remarked, "Just remember one team is host and the other the guest. I don't know how hosts and guests act in your homes, but the rest of the game will give me the answer." Needless to say, there was no further trouble.

Resolved, That the Board of Trustees of Lehigh University note on its minutes with profound sorrow the death of Walter R. Okeson on November 4, 1943.

Mr. Okeson's love for Lehigh was a dominant passion in his life. He entered Lehigh with the Class of 1895 and was duly graduated with the degree of Civil Engineer. He came to Lehigh in 1917 as Executive Secretary of the Alumni Association of Lehigh University, resigning in 1928, having recreated the Alumni Association into a strong, supporting group of Lehigh men. He was elected Secretary and Treasurer of the Board of Trustees of Lehigh University in 1923 and to the office of Vice President in 1939, all of which he held at the time of his death.

His devotion to Lehigh was unsurpassed by any of her sons. By his untiring work for his Alma Mater and by his inspiring others to give of themselves and of their substance to Lehigh, he ranks as one of Lehigh's great benefactors.

His ability in conducting the offices he held, his warm radiating personality, his genius for making friends, his unswerving belief in the democracy of mankind, made him a great factor in the life of the institution to which he gave the better part of his life.

Each member of the Board of Trustees mourns the passing into the Great Beyond of our friend and fellow worker, and with full understanding and recognition of his services, and in deep respect to his memory which shall linger as long as Lehigh lives, this resolution is passed by the Board of Trustees at their meeting held April 14, 1944.

Be It Further Resolved, That a copy of this resolution be sent to his surviving family.

E. G. GRACE

BETHLEHEM
PENNSYLVANIA

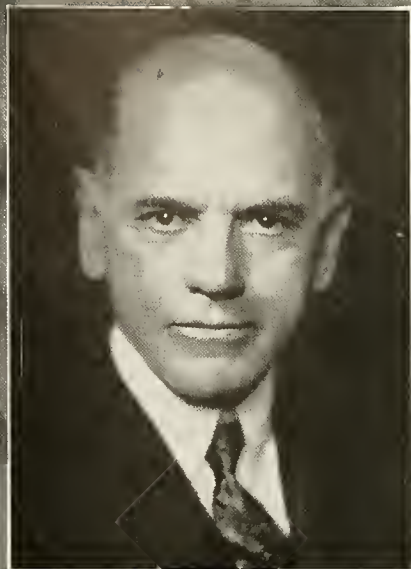
To every Lehigh man the name of Welter R. Okeson has always carried a very special meaning, for Welter Okeson expressed to an unusual degree the ideals of the University and what it stands for.

Okey was a man of exceptional breadth and accomplishments. He was a civil engineer, and a good one. He was a University executive, and there was none better. He was a leader in football, recognized and respected as an authority throughout the land. He was active in civic affairs, to which he gave his time and strength generously.

In spite of the many demands on his energies, Welter Okeson had the faculty of being a friend to thousands of alumni. We all looked to him for advice and inspiration. It is not too much to say that he was our best known and best liked alumnus, and deservedly so.

No task was too difficult for Okey to undertake on behalf of Lehigh. I can personally testify to his unstinted devotion to the University. In spite of his knowledge of the serious state of his health he worked for Lehigh up to the last day of his life. The best tribute we can all pay to Okey is to carry on our loyalty to Lehigh so that it will continue to grow and serve as he would wish.

E. G. Grace



LEHIGH UNIVERSITY
BETHLEHEM, PENNSYLVANIA

Okey was one of the most lovable men that I have known. Although he had strong feelings he was inclined to be generous in his judgments of people. His ready enthusiasme made it a pleasure to work with him on University projects, for he was always inclined to be "for" rather than "against."

Once when I commented on the superlative services that he had rendered Lehigh, he merely replied, "It was just luck, that's all. I just happened to be the one who got the chance." Notwithstanding his devotion and long services as alumni secretary and as treasurer and secretary to the Board of Trustees, he was always modest about the part that he played. Although he exercised much influence in proposing and shaping official action, that fact was never apparent in his comments or in the records which he kept.

He combined a broad grasp of affairs and legal procedures with a good business sense. He had in his memory so much information concerning possible bequests and other items of pecuniary interest to the University that I used to think of him as the University's richest ore lode, and I did not rest easy until we got all these items in his memory recorded in as much detail as was possible.

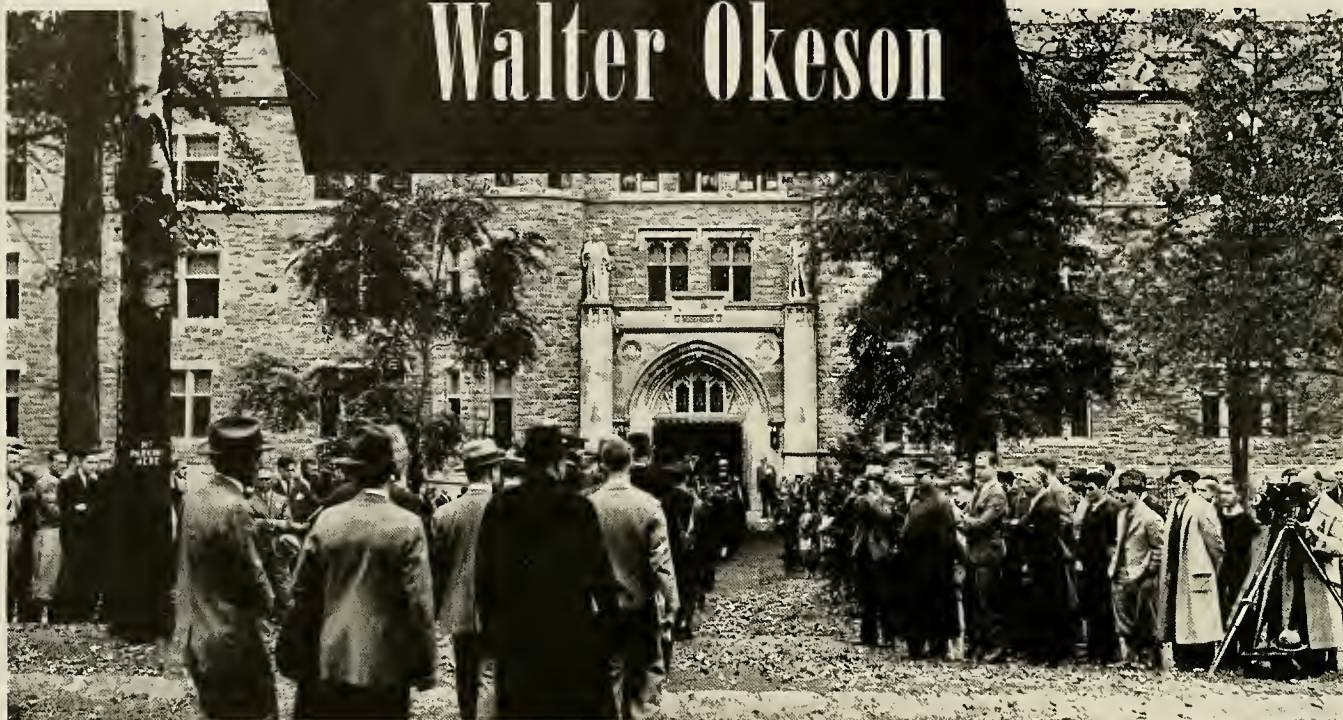
Okey represented the quintessence of loyalty to his alma mater. To his thinking, Lehigh was the brightest star in the educational firmament, the college that was altogether lovely. His loyalty combined the veneration due an alma mater with the fond proud hopefulness of a parent for his son. As Rupert Brooke's "Soldier" might have framed the words for Okey:

If I should die,
Think only this of me:
Wherever my ashes lie,
There's a corner that is forever
Lehigh.

C. C. Williams



My Friend Walter Okeson



*"Twilight and evening bell,
And after that the dark!
And may there be no sadness of
farewell,
When I embark."*

WALTER RALEIGH OKESON, called "Okey" by all who knew him, was taken out of the game of Life by the Eternal Umpire on November 4, 1943. He played the game hard, and gave all he had to the end. His love of the game was exceeded only by his love for Lehigh.

While a student at Shortlidge Academy in New Jersey, he learned the fundamentals of football, and later when he entered Lehigh with the class of 1895 he donned his togs and went down to the field together with other freshmen on the opening day of practice. Okey sat on the bench during his freshman year, and was never asked to participate even with the scrubs. He was 5 ft. 11 in., big-boned with no extra flesh and a thin face. "I guess I didn't look like a football player" was his explanation.

This experience would have discouraged most men, but not Okey. He had faith in himself then, and kept it to the end. He knew football, and knew he could play it, and during that freshman year by watching the plays and

the misplays as keenly as any coach, he added to his knowledge of the game. In his sophomore year, not discouraged, he again responded when the first call for candidates was issued. For three days he sat on the bench, and on the fourth, a cloudy, disagreeable day he had the feeling that it was no use, but he decided to go down to the field just once more.

That day one of the scrub ends was injured, and there being no other players on the bench, Josh Hartwell, the coach, told Okey to go in at end. There was just one thought in his mind, in telling the story later, and that was to smash Josh Hartwell if he could. In those days the coach was permitted to play on the team, and frequently carried the ball. Josh, who was in a halfback position, received the ball, and Okey, with all his might and accumulated determination of a year on the bench, hit him hard before he reached the line of scrimmage. After practice, Hartwell told him to take the end position on the first team. That was in 1892.

He played on the varsity in 1892, 1893, and 1894, and was never seriously hurt and never missed a game. This incident, not especially heroic or dramatic, as much as anything in his life was illustrative of his character—confidence in himself and the determination to rely on himself, not on the influence or favor of others.

AFTER graduation, Okey retained his interest in football by coaching and officiating. Every fall he came back to Lehigh and in the crowded, smoke-filled gym gave one of his inimitable, inspiring talks the night before the Lafayette game. Every alumnus is interested in football and by his activities Okey acquired a large acquaintance and many friends among Lehigh's alumni, so that more than any other he personified Lehigh's large alumni group.

It was this that prompted Hank Scovil in 1917 to appeal to Okey to assume the position of Executive Secretary of the Alumni Association. Agreeable, Okey sacrificed pecuniary reward and a future of enticing possibilities and came back to his University.

The association at that time was to a large extent an indifferent and detached group of men numbering 600, with annual dues between \$2,000 and \$3,000, and a continuous deficit. There was no Alumni Association office. The

by
ROBERT S. TAYLOR, SR.
A lifelong friend and classmate

files, such as they were, were scattered around in the basement of Packer Hall. There was no list of alumni. An office had to be secured, filing cabinets purchased, and other equipment secured. Most of this Okey paid for himself. For many months at a time there was no money to pay his salary, and he reimbursed himself in small amounts from time to time as dues came in. It was a long time before the income was large and steady enough for him to rely on a regular payment of salary. This certainly was an outstanding example of a man creating his own position, and that a man should honor the position, and not the position the man.

His friends knew he would be a good and efficient secretary, but he surpassed all expectations, for during the eleven years that he was Executive Secretary of the Association he increased the membership to 3,000 and the annual income to \$20,000. Life memberships increased from \$450 to \$30,000.

He further demonstrated his devotion to Lehigh and his vision of her as a great University when he joined in the idea of a useful and lasting memorial to Lehigh men who served and died in the first World War. He raised half a million dollars to build the beautiful structure standing on the campus today as the Memorial Building, and housing the Alumni Association and Administration offices of the University.

OKEY demonstrated his ability again when he inspired and launched the Endowment campaign that raised over two million dollars for Lehigh, and again when, as a result of his tactful presentation, James Ward Packard, '84, gave \$1,200,000 to build a mechanical and electrical research laboratory that is one of the finest in America, and later Packard, his love for Lehigh and his sense of obligation stimulated by Okey's compelling personality and enthusiasm, was inspired to make Lehigh a beneficiary of substantially one fourth of the income of his large estate, and ultimately of one third absolutely of the residue.

But great as these tangible achievements are, they are exceeded by the greater service Okey rendered to Lehigh and her Alumni. He brought to his position a clear and true conception of the value and function of the integral factors that compose his Alma Mater. In his view of Lehigh, she consisted not only of buildings, trustees, faculty and students; to him, an

essential and important factor was her alumni and their attitude to their University and to the world in which they worked. He saw clearly that teaching should not end on the campus, but that it should be continued by an ever increasing number of alumni teaching by precept and example, high standards of technique and character in all the relations of life in which they played a part throughout the whole of America. To him, the spirit of Lehigh was real and vital.

With his love and devotion for Lehigh, his gift of inspiring others, his radiating personality, his genius for making friends, he reorganized the inert alumni body and gave it life, spirit and purpose. For his service to Lehigh, Okey ranks with her great benefactors.

In June, 1928, Okey resigned as Secretary of the Alumni Association to devote all his time to the increasing duties of Secretary and Treasurer of Lehigh, a position he had been elected to in 1923. In this work his judgment

in University matters was invaluable, and was utilized by the presidents of the University and the Board of Trustees. In recognition of these services he was elected Vice-President of the University in 1939.

THERE was probably no one who knew all of Okey. The qualities of his heart and mind were so varied that he seemed to present a different personality to each one who knew him. To the freshmen he was a source of inspiration; to the older undergraduates he was a counselor and guide.

He inherited many characteristics of the old Vikings of the North from his Swedish father as well as the characteristics of his Scotch mother. He was bold and daring, with high courage, and yet he was cautious and a confirmed sentimentalist, which he tried to conceal. He had a heart that enabled him "to whip his weight in wildcats but one that any child could tear apart." It may be said that Okey was exacting. If he was it was because he always



Walter R. Okey, Class of 1895

played the game according to the rules which he applied to himself as well as to others, but he was eminently fair. He never hesitated to penalize himself nor spared the feelings of his most intimate friends when they violated the rules.

Although not a churchman, he was deeply religious. He avoided religious arguments; he believed in no set creed, yet he never could entirely get away from the Puritan training and ideas in which he was brought up by a highly devoted and religious mother. In his youth, Sunday was a day to be dreaded. It meant attending church services morning and evening, Sunday school in the afternoon with nothing to read but the Bible and books from the Sunday school library. An experience which he often referred to was in partly spending Sunday in reading the Bible from beginning to end with the expectation of recognition and reward which he never got because it took him so long that the promise of the Sunday school had been forgotten.

He was sound, however, in the fundamentals, for he believed in a democracy of mankind, the dignity of personality and in an overruling God. He applied this belief in being careful never to deliberately and intentionally hurt another. If he did, by chance, it worried him for days.

He was an omnivorous reader with a broad knowledge and information of which he was deservedly proud. He was a rare combination of a realist and an idealist, but he was able to hold them in proper balance.

Okey carried many burdens during his life, experienced deep sorrows but never complained; he never spoke of them to his closest friends. Many men get a certain relief by talking to their intimate friends. Not Okey. When grief or unbearable burden came to him, he went out into the countryside alone, obtaining solace from the earth and sky, and thus was strengthened to carry on. May there be a comforting thought in our grief that it was given to Okey to see in his lifetime that a large part of the work which he set out to do was realized.

A memorial more in keeping with Okey's desire than a monument of granite would be that sons of Lehigh dedicate themselves to carry on the work that he so well advanced that would make Lehigh the great educational institution that he so confidently envisioned and to which he gave the best part of his life.

Dear Okey--

They tell me, I won't be seeing you around Lehigh any more. But of course, that's a lot of nonsense. I'll be seeing you, and so will generations of Lehigh men yet to come, all over that dear old campus that you love more than anything in the world—more than anything, that is, except the rugged spirit that has been the soul of Lehigh ever since you used to climb over the wooden fence of the athletic field to watch Dicky Davis and Skinny Frauenthal and Pants Coates and Sam Warriner and a lot of other boys who were learning what the "fighting heart" means.

Funny thing about that Lehigh spirit. I often think of the many, many times you and I used to try to put it in words when we were grinding out our stint for the old "Bulletin," or one of the countless appeals for some Fund or other. Neither of us ever succeeded in putting on paper the ideal that was in our hearts, although it would have been easy for me if I could just have written,—“Okey, he's the Spirit of Lehigh.” But, of course, as you often used to say, a couple of dour Scots like us couldn't openly admit such sentiments. I've always thought that Morris Poole, '96, did a job on you when he wrote that couplet:

*Open his heart and you will
find LEHIGH, inscribed and
underlined.*

—that's Okey.

The other day, at that testimonial the boys gave you in the Chapel, I was reminded of a lot of things that most of the folks there didn't know about. There were some of those boys who never would have gone to college if you hadn't given them a lift when they needed it. There were some you coached back in Andy Farabaugh's time and it seemed to me that each one of them had demonstrated, in life, that he had absorbed something from you that is fine and lasting. There were some of the boys of later vintage who

knew you best between the halves when the going was tough, and somehow you convinced them that they could lick their weight in wildcats; and the funny part of it is, they still think so! There were some of the boys who were kind of peeved when you spear-headed Lehigh's "purity" campaign back in the '20's; it's funny how many of them became your staunchest admirers.

BUT there were a lot of us present who realized what the newspapers and the general public didn't, namely, that your association with football is only a hobby, and that your real interest is education—Lehigh education. I remembered that when Hank Scovi persuaded you to give up your job with Phoenix Bridge and come back to Lehigh in 1917, he and the rest of the alumni had a very definite idea in mind—they wanted you to build up a good football team. But you recognized an opportunity to do something else, as well, and you built up a great University. Yes, I know you had plenty of help, but you were the spark plug, Okey; it wouldn't have happened if you hadn't made it happen. A lot of us folks who stood there in the Chapel knew it, and each one of us was thinking about the innumerable times you have gone out of your way to help us with your time, your keen intelligence, your unfailing inspiration, your selfless generosity, your sympathetic counsel and your tireless energy.

Well, by this time you'll be wanting to choke me for writing such things about you. All right, I probably shan't write you in this vein again. But since you're going away for a rest, I felt the urge to open up a little, as I never can when we're face to face. And about that rest—I hope you'll get a good one because the last time I saw you I thought you looked very tired. But don't go so far away that you can't keep an eye on the old place, Okey. We need that Lehigh spirit of yours—always!

As ever, Buck

UNRIVALED MONUMENT



IT is true, I believe, that no man can leave a more fitting monument behind him when he leaves this life than the memory of his influence for good among the younger men of his time.

By that standard, Walter Okeson leaves a monument which no artist, no architect, could hope to rival in beauty, strength or durability.

Into his work as a member of the academic family of Lehigh University he crowded enough activity and achievement to have influenced thousands of young men who passed through Lehigh's halls to learn the lessons that were to send them out into life as useful citizens. His career on Lehigh's hills should have been enough to have filled to overflowing the life of even so energetic a man.

But Walter Okeson had an avocation, a hobby, which was based on his great love and admiration for boys and which expressed itself in his interest in their sports. His interest in all clean sport was genuine but his chief sports interest as a young man had been football and it was on football, as he grew older, that Walter Okeson lavished his

great gifts. Football to him was no mere Saturday afternoon game for the entertainment of big crowds of spectators. Football to him was a sport which gave boys pleasure, which developed in them qualities that make men. He saw football, during those lush, easy-going peace-time years, as a bulwark against the softening which comes with too much money and too much ease. He remembered, as so many others forgot, that the time would come when the American boy again would have to be the tight-lipped, strong-hearted fighter if our ideals and our way of living were to survive. Football, he was convinced, contributed mightily to the training that would maintain the American ideal. As a result, he deemed it a privilege to expend a great part of his energy and ability

and heart in the interests of the sport.

Hundreds of thousands of boys who never met Walter Okeson are today fighting a better battle because of the influence he brought to bear upon them.

THOSE of us who were fortunate enough to have known him and worked with him know that football owes to him as much as to any other single individual in its history. In the story of football, the name of Walter Okeson takes its place beside those of Walter Camp and H. K. Hall. He knew more about the game of football, unquestionably, than any other man of his time. He had learned it as a player, as a coach, as an official and finally, as an administrator.

Back in the late 1920's, when the matter of officiating and the selecting of officials had become snarled in complexities, as a fast-growing, modernized sport still attempted to administer by horse-and-buggy method, it was the facile mind of Walter Okeson which cut through the perplexities and came up with the solution. The old Central Board had become out-moded. Under

by

LOU LITTLE

*Head Football Coach
Columbia University*



that plan, officials for all games were selected through agreement by contending coaches. This was slow, unwieldy and led to unseemly and unnecessary bickering which was unfair to officials, coaches and players.

He worked out the plan through which officials would be appointed by one central office without previous reference to the coaches or colleges concerned. He amplified the plan by providing for a rigid grading of officials, based on their experience and performances. Every official, in every game, was observed and checked and the reports, as they were coordinated in his office, week by week, left nothing to chance. The inevitable result was that football officiating immediately achieved a new high plane of excellence which has endured to this day.

In the pre-Okeson days, the matter of uniform interpretation of rules had been a knotty problem. In one section of the country, certain rules had been interpreted in one way; in other sections, in another. Thus were produced jangling problems when intersectional games were played.

But in Walter Okeson, the sport found a man who, nationally respected by coaches and officials for his knowledge of the game, was able to eliminate this problem. The "approved rulings" handed down from his office were accepted as the football "law of the land." Sectional differences in rules interpretations disappeared over night.

Always a prominent figure at National Football meetings Okey is seen here with such gridiron leaders as Fielding Yost, William Langford, Alonzo Stagg, William Bingham, Wilmer Crowell, Arthur Hutchens, Dana Bible, William Hunter and Ray Morrison

MEANWHILE, Mr. Okeson had succeeded E. K. Hall as chairman of the Football Rules Committee and it was my happy privilege to be closely associated with him for many years in this work, in my capacity as an advisory member of the committee, representing the coaches. During those years of association, my respect for him grew steadily. As a player at the University of Pennsylvania, I had heard my coaches, Bob Folwell, Dr. "Buck" Wharton and Bill Hollenback, talk with admiration of Walter Okeson as a player. During those years, I saw him in action as an official and saw in him the man who not only knew the rules and how to enforce them but also one who was determined that this was primarily the players' game. As an official, he felt that his prime function was to see that the players and the teams had an opportunity to play the game with as little interference from the officials as possible — within the rules.

Now, as a coach, I found that he was eager to respect the opinions of the coaches when he was convinced that these coaches were working for the

interests of the sport as a whole. Frequently he sought their advice and counsel.

I recall an incident a few days after Columbia had been selected to play Stanford in the Rose Bowl game of January 1, 1934. He called me on the telephone to tell me that two officials were to be sent from the East to work in that game with two men from the West. This post-season game was out of the category of regular-season games and he asked if I would like to make any suggestions as to the selection of the Eastern men.

"I'm busy enough trying to get this team ready to play the game," I told him. "I'm not going to worry about the officials. That's up to you." I did not know, until I read their names in the paper some time later, which Eastern officials had been selected. But I knew I had no occasion for worry; I knew that Walter Okeson's choice would be the best, and so it proved.

HE had the ability to cut red tape with quick strokes. He felt that a mistake made should be corrected at the first possible moment. Several years ago, the Rules Committee, in attempting to protect the player from all possible chance of injury, passed a rule permitting free substitutions. The principle was excellent but when the rule was put into operation in early pre-season games, it developed that it had introduced a time-consuming factor

which was making the game drag interminably. There was an immediate hue and cry, which was largely justified. Something had to be done.

A less resolute man would have hesitated to acknowledge that the committee under his direction had made a mistake. But Walter Okeson hesitated not a minute. He called members of his committee and a number of coaches into consultation. I happened to be one of the latter. Various suggestions were weighed and in less than three days, Walter Okeson published an amendment to the rule which, while accomplishing everything which the rule had intended, in protecting the players, succeeded in eliminating the time-wasting factor. What had appeared to be a bad situation was cleared up immediately, before the regular college season began, and the rule has developed into one of the most worthwhile innovations the game has had.

He had the sense of humor which is one of the football official's greatest assets on the field. I remember the day, in a game in which I played for Pennsylvania, on which one of our players, the victim of a clipping from behind, which was not then barred by the rules as it is today, lost his temper momentarily. Picking himself up from the ground, tangled as he was with the player who had attempted to throw himself down the back of his legs, the Penn. player aimed a size 12 foot at the posterior of the offending player. He was spotted by Official Okeson who suggested firmly that his football playing was finished for the day.

"But I was just trying to shake my foot loose, Mr. Okeson," protested the player.

Okey grinned. He had been a player himself. He knew how difficult sometimes it was to restrain the natural human impulses. But the rule on kicking an opponent was in the book.

"That's too bad," he told the player. "Next time you'll just have to remember to shake your foot loose toward the sideline. Out you go."

THIS was the well-rounded sportsman, educator and citizen who was Walter Okeson. Speaking as one of the hundreds of coaches to whom he was a constant help and inspiration, and speaking, I know, for all of them, I pay tribute to his memory and add my grateful thanks for the tremendous service he accomplished for the game of intercollegiate football.

Walter R. Okeson

No individual is the same to all men.

As a man grows in greatness, so his plurality increases until no one can truthfully say, "I know him."

Walter Okeson was a truly great man.

And we have been fortunate, for we have shared the human side of this man who was so intensely human.

We have felt the quick warmth of his handclasp.

We have known the drive of his personality.

And we have joined him in the easy laughter that is shared only by old friends.

Yet we have not known all of Walter Okeson.

Many have known him, too, as an immortal of the great American game of football; first as an outstanding athlete, then as a coach, and finally as commissioner of Eastern Football and chairman of the National Rules Committee.

In this field his fairness in counsel leaves cherished memories with many men whom we shall never meet — yet whose devotion is as great as ours.

But neither have these men known all of Walter Okeson.

For twenty-six years, under three presidents, he has guided a great university to greater heights.

His was not the glory, for he shunned glory.

But his was the devotion, and every ounce of it went unsparingly to an ideal which demanded a lifetime — and that, too, was gladly given.

There were moments of triumph, but first they were Lehigh's and second Walter Okeson's.

The breath-taking announcement of James Ward Packard's donation of over \$1,000,000 and Dr. Eugene Grace's more recent gift of an entire sports palace . . . the hailing of Lehigh as a top-ranking American university . . . the wholehearted support of thousands of Lehigh alumni in terms of millions of dollars to endowment because he asked for them — these were but reflections of an ideal that one man kept alive in their hearts.

Who, then, has known Walter Okeson?

Was it the frightened, penniless freshman who found in that winning smile the answer to an unspoken request?

Or the fired executive who found in him the extra urge to greater achievement?

Or perhaps a man who stood with him on the campus when spring comes on, as it does with that catch-in-the-throat quality that he knew through all of the year?

No, these men have known "a" Walter Okeson.

But they have missed the generations of Lehigh men that have gone and they cannot know the unborn generations to come whose hopes and dreams and ideals he had shaped on South Mountain.

Of such things is a man who has gone on a bit ahead . . . and yet will always be with us.

From an address before the Bethlehem Rotary Club



The Spirit of Okey

By

HENRY DALZELL WILSON, '01

MY ACQUAINTANCE with Walter Okeson began in the fall of 1900 when he was the head—and only—coach of the football team; it continued without interruption until death, and for the last 30 years of his life he was one of my closest friends, a man I sincerely loved and admired. His passing leaves an emptiness that will never be filled.

From the date of his graduation until he accepted the position of Secretary of the Alumni Association in 1917, he was one of its most active members and could always be found on the campus in the fall for the Lafayette game, and in June for the exercises.

During that period, the Alumni Association did not amount to much and really was held together by the efforts of Professor Preston A. Lambert, who was its Secretary and who did everything that was done for the Association. He received no salary for this and I can't remember how the money was obtained for mailing and other small incidental expenses, but I believe there was a desultory effort made to collect dues, and there was the skeleton of an organization.

In 1916 H. H. Scovil, 1900, known to everybody as "Hank," was elected to the presidency of the Alumni Association and immediately took steps to have it incorporated and to lay the foundation of what you now know as the Alumni Association of Lehigh University, Inc. His next constructive step was to see Okey and practically force him to resign his position, a good one, with the Phoenix Bridge Works and come to Bethlehem to serve as Secretary of the Association, giving his full time to the position at a salary

of \$5,000, considerably less than Okey was then receiving. When Okey pointed out the fact that the annual receipts of the Association didn't ordinarily reach that amount, Hank said, "That's one of the reasons we need a full time secretary. We will have to operate the Association and increase its membership to the point where this salary will be available." Okey's interest in Lehigh is evidenced by the fact that in spite of having a family and a position with good prospects, he resigned, came to Bethlehem, and the Association was on its way.

HE visited all the Lehigh clubs in the various cities, founded the Alumni Bulletin, of which he was also editor, increased the membership of the Association and made it a dominant factor in the affairs of the University.

With all this he continued his active interest in football, was on the field assisting with the coaching almost every day in the fall, and for diversion officiated at many of the important games throughout the East.

During the first World War, and from its inception, he took a keen interest in the man from Lehigh, both alumni and undergraduates, who were in the service, keeping their records meticulously, and they were grand records. The "Memorial Avenue of Elms" from the Library to the Athletic Field, in which each tree is dedicated to a Lehigh man killed in service, was Okey's idea, and the speech he made at the dedication of this avenue was one of the most beautiful and inspiring I have ever listened to. He was able to do this because his heart was in every word he spoke.

I believe Professor Lambert conceived the idea of the Alumni Memorial Building, but it was up to Okey to raise the money required for its building, and he did this most successfully at a time when raising donations totalling \$500,000 was really a tremendous task, especially for Lehigh with its relatively small alumni body and small active membership in the Alumni Association. In this campaign Okey taught Lehigh alumni how to give, and this training was reflected in the success of the later Greater Lehigh drive.

In any group in which he was associated, he soon became one of the dominant factors and was one of the leading spirits of the Association of Alumni Secretaries. He became Com-

missioner of Football Officials for practically all colleges east of the Mississippi; became Chairman of the Rules Committee and was really the successor to Walter Camp as the authority in matters pertaining to football in this country. Some time after Dr. Richards came to Lehigh as President, he told me that if it had not been for the enthusiasm of Okey and Professor Lambert, he doubted if he would ever have accepted the presidency of Lehigh.

WE all know the success of his administration and of the drive for Greater Lehigh, which he envisioned. The success of this drive was due in a large measure to Okey, who was, as usual, its guiding spirit. He selected the personnel of all the committees, inspired them to the accomplishments they achieved, and he worked continuously at this, travelling about the country, talking to men of wealth in different sections and was most successful in his efforts.

This can best be illustrated by the history of the Packard Laboratory. In the Greater Lehigh drive, I was Chairman of the Pittsburgh committees, and as Mr. Packard lived in this territory, I had persuaded him to make a substantial contribution. The measure of my success was, I believe, \$200.

Meanwhile, President Richards, working with Okey, had prepared a brochure on the need for a new laboratory of mechanical and electrical engineering and circulated it among many Lehigh men. Packard, who had been ill for some time, received the proposed plan in his hospital bed and was inspired to make the dream a reality.

Thus it was on November 20, 1926, Packard wrote to Okey asking for more information, and as Okey himself wrote later, "I picked up from the top of my mail a short letter. Reading it carelessly, I suddenly stiffened to attention. Reading it again I realized that here was a Lehigh alumnus who desired to give his Alma Mater a *million dollars!* The clouds lifted, the sun shone, the birds sang. Fervently and almost reverently I exclaimed, "To hell with the Lafayette game!"

On November 22 Okey wrote a powerful letter with a tremendous appeal that only one with his fervour and idealism could have penned. The resulting exchange of correspondence led to Packard's promise, on December 8, to pay \$1,000,000 to Lehigh for the cost of the proposed building. Later

(Continued on page twenty-six)



Okey AS A COACH

BY CADWALLADER EVANS, JR., '01
AND FRANK B. GEARHART, '01



Even the young Okey was the kind of inspiring leader who saw things through. Here is an account of those early days when Lehigh teams battled the fabulous Penn and Princeton and, miraculously enough, scored. It was a forecast of great things for Walter Okey and for Lehigh.

"OKEY" was the first Lehigh graduate to act as full time coach of a Lehigh Varsity Football Team after the system of professional coaches was established. In the early days of the game, the team was coached by some of its members who had a little experience in prep school or at some other college. As the game became better established, regular coaches were hired—men who had made some reputation at other colleges—Yale, Princeton or Harvard, generally.

In the fall of 1896 the coach was "Chub" Morris, Yale quarterback; in '97 "Doc" Hammond, Yale halfback; and in '98 and '99 the coach was "Shy" Thompson, a Princeton end.

"Okey" came back during these years, as a volunteer alumni coach, and stayed for a few days, as much time as he could get off from his job. He made a tremendous impression on Morrow Chamberlain, '00, who had captained the team in both his junior year, '98, and his senior year, '99, and an equal impression on the men he coached.

Football then was handled by an Athletic Committee with undergraduate members, but dominated by Professor Thornburg. The captain and manager of the team were allowed to select and secure their own coaches, and we, with Morrow Chamberlain's aid and that of a few of the alumni, were able

to persuade Okeson to ask for a leave of absence from his job with the Phoenix Bridge Company, and to come to Bethlehem as full-time coach for the whole season in the fall of 1900.

College opened about the middle of September, and "Okey" was on hand to look the squad over, and a discouraging look it was. There were only three or four letter men on hand from the previous year, and a few Varsity substitutes, together with a handful of men who had played on previous year's scrubs, and a number of freshmen—all in all a motley array, not only in their football ability, but in the miscellaneous garments that they wore and called "uniforms." Our first game, with the University of Pennsylvania, was only about two weeks off, and at that time they were a formidable team, playing the famous "guards back" formation, with Truxton Hare, an all American for four years, as one of their heavy guards.

THE rules then were quite different from those now. There was no forward passing, which gives players a rest when they are not completed: every play was either a line block or an end run, and it took stamina to stand the strain, and the Lehigh team had little physical strength, but lots of guts. The halves were 30 to 35 minutes long, and if a player left the game or was taken out for any reason, he could not be returned, so that with our small squad, the regular men played until they were injured and forced to leave. None of the regulars ever left the game on account of being tired.

This combination gave "Okey" a

Above: On the 1895 team were (Top row) Daboll, Keys, Okeson, Senior, Thurston, Baldwin, Saltzman; (Middle) Nevins, Fitzgerald, Trifton, Barnard, Gunsolus, Hale; (First) Gass, Van Duyn, Ayers, Holderness, Treichler



tremendous job, because he had to first get acquainted with the men, and then had less than three weeks in which to whip them into shape for the first, a hard game. He was the only coach we had, and he had to do all the coaching, work out all the plays, and instruct every member on the squad as to how his position was to be played, and what he was to do in each play.

To provide a little opposition, he attempted to coach the Scrub, which was just that—a scrub team, made up of odds and ends, anybody who had the guts to take a beating on the field, four afternoons a week.

The coach spent only three months on the campus, coming shortly after the first of September, and staying until the season was over on Thanksgiving Day. Spring practice was a thing never heard of in Bethlehem, and some of the men with whom he had to work had never played football before. "Okey" did wonders with the scanty material he had, and worked out one tactic (thanks to two good ends)* that brought us a score against Pennsylvania and Princeton — something that hadn't happened for many years.

Every person who knew "Okey" loved him and admired him, and the new men who were just getting acquainted with him soon became imbued with the spirit of the others, so that the whole team jumped in and worked like Trojans.

When we were on our way to Philadelphia for the first game with Penn, Gearhart said to him, with a sheepish grin, "Okey, who will kick the goals?"

* Both references to Gearhart's ability inserted over "Brick's" protest.—Editors.

He replied with a wider grin, "You!" The tactics he had taught our ends worked, and thanks to an attempted Penn kick which Barnard blocked, the ball was forced back close to the goal line. The Penn man fumbled, Dornin snatched the ball up, ran it over the goal for a touchdown, and Gearhart kicked the goal. We were beaten, but not too badly — 27-6, and we had scored on Penn—quite a feat.

ON the following Saturday we played Princeton at Princeton, and the same two vigilant, hard-tackling ends put over another score. McCormick punted for Lehigh, Meir of Princeton fumbled due to Dornin's hard butting just as he caught the punt, Gearhart was right on hand, grabbed the ball out of the air and went over for a touchdown. We didn't kick the goal, and the final score was 12-5.

We had a good fullback in Person, a sure but short kicking, and an erratic one in McCormick, who could kick like a fiend—sometimes. But the only really strong feature of the team was the two ends—Dornin and Gearhart.* They had been coached to dodge their interferers, swing wide and smack the receiver of the kick like a 40-ton locomotive, so they had lots of chances to pick up fumbles.

We had a game scheduled with Dickinson at Carlisle, but at the urge of our Pittsburgh alumni cancelled it so that we could play the Homestead Athletic Club, a professional team in Pittsburgh. The fact that we needed money and got \$1,000.00 for going to Pittsburgh had something to do with

Okeson's first team included: L. Farabaugh, Bailey, Dow; (Middle) Burrows, Shonk, Downey, Gearhart, Peepels, Dornin, Person, Hinkle; (Top) Okeson, Bray, Barnard, Beaghen, Flanagan, Hall, Fuller, A. Farabaugh, Evans

the decision. Dickinson made quite a rumpus about the cancellation, and after a long discussion it was settled by the University allowing us to go to Carlisle to play Dickinson on Wednesday, and then straight on to Pittsburgh to play the Athletic Club on Saturday, an absence of four days straight—an unheard of thing at Lehigh.

We went into the Dickinson game very much the under-dog, but played the best game of the year, a clean, hard-fought contest, which we won 6-0. The Homestead team was mostly All American, former college players, among them two Indians from Carlisle named Pierce (brothers), Overman from Penn, one of the Poes from Princeton, and Fultz and Gammon, the famous team of halfbacks from Brown. They swamped us 50-0, partly because "Okey" kept Gearhart out of the game, saving him for the following Lafayette game.

Lafayette had a strong team that year and beat us in both of our games, the first 35-0, and the second 18-0. But that didn't faze us much—we were used to having Lafayette beat us. During the four years we were in college we played Lafayette eight times and won only once, in 1898, when we beat them the first game 22-0, and lost the next 11-5, in a blizzard on Thanksgiving Day.

(Continued on page thirty-six)

NO combination of words could be put together by anyone, either verbal or in writing, which would portray the man or do justice to the many marvelous traits and qualifications which went to make up the man we all knew and loved, Walter R. Okeson.

And an attempt to show the man's full character by relating any one outstanding incident in his life would be as futile as trying to select one most perfect gem in a maharaja's vault.

If personal memories may be excused, I would like to recall my first meeting with Okey a good many years ago—at a dinner in New York—when Okey was ready for the kick-off on a plan to build Lehigh's new Library. The program Okey had set up called for a small group of alumni raising half of the \$500,000 needed, with the Alumni Association taking over the burden of raising the other half.

Okey succeeded, just as he always did. But from that first meeting I drew the satisfaction of being "tied back" into activities of the University—activities to which I had become more or less indifferent—but which through the associations they brought with Okey, turned into some of the happiest times of my life. No visit to Lehigh was complete without a certain number of hours, and sometimes days, in Okey's company, perhaps at golf or just plain "bull sessions" either alone or in company with others. These never failed to be anything but most happy and interesting hours.

Just as in the Library drive, so was Okey the prime moving spirit behind many other projects that have meant so much in the healthy growth of Lehigh during the past twenty-five years — Alumni Memorial Building, The Greater Lehigh Fund and others. All of these will stand as monuments to his loyal and untiring efforts.

But, in my judgment, Lehigh's greatest loss in his passing is something which has left behind no tangible monument. It seems to me that Okey's most impressive contribution to the University came about through his attitude toward the problems and troubles, great or small, of others. Students, alumni, faculty and everyone else always found him a most friendly and sympathetic "father confessor" who could be depended upon for honest and impartial advice toward a sound and constructive

solution of their difficulties. The influence he exerted in this way for good and toward the promotion of Lehigh's welfare is something beyond measure.

We all know that the years he spent at Lehigh meant great personal sacrifice in worldly goods. His greatest compensation came through personal satisfaction and happiness in serving Lehigh's cause with what amounted to almost religious devotion. The sincerity of his smile, his words and his handshake reflected the completeness of this satisfaction.

He will always be remembered as what we like to think about as the ideal Lehigh man and the personification of Lehigh's many fine traditions.

*Dr. E. F. Johnson, '07
Vice-President,
General Motors*

WALTER OKESON understood crowds and he understood men.

He could listen to an argument, and when it reached the point where blood pressures were mounting and tempers were getting short, he would flash that smile of his, blink his penetrating but kindly eyes and get you back on the beam of reason.

I have attended many conferences during my lifetime but none where more constructive thinking was demanded than at the annual meetings of the Football Rules Committee. Walter Okeson was at his best at these meetings. In engineer fashion, he was always well organized, logical, and systematic. Once the meeting started, he was chairman in every sense of the word. He would permit no side line talking and would immediately call to order any member who violated this rule. He demanded that when a proposed change in any rule was suggested, the person be prepared to indicate all the rules which would be affected by the change. When the discussion seemed to be getting nowhere, he would end it, appointing a sub-committee representing both sides of the point in question. Even when the committee seemed ready to vote, he made all votes provisional until the final session of the meeting when the actual change was voted. In this way, members had an opportunity to consider just what the change might involve.

Constantly, he worked to improve the sportsmanship in this best of body contact games. He was impatient with

*And here,
on the*

the tricky coach who tried to get around the intent of a rule. The game is a better game because of his association with it as a player, coach, official and rules maker.

I last saw him in Phoenix, Arizona, where the Football Rules Committee met early in 1942. At this meeting, he recommended that the rules be frozen for the duration. This was a wise decision, so wise in fact, that Lou Little, speaking for the football coaches, stated that the game now was almost in perfect balance between the offense and the defense.

When the history of American college football is written, the names of Camp, Hall, and Okeson will be prominently mentioned because these three leaders rescued the game when it was in disrepute and transformed it into one of our best American college games.

*Lt. Col. W'm J. Bingham
Director of Athletics,
Harvard University*

FOR years people thought of Walter Okeson when they thought of college football. Since this close identification was genuine, it was one of the sport's real assets—for it was the mark of long service to the game as productive as it was devoted. Football lost heavily through his death, but football gained immeasurably through Walter Okeson's connection with it as player, coach, official, legislator and administrator, and as plain fan.

Like many another, I have special reason for lasting gratitude to Okey. When his increasing duties at Lehigh made it advisable for him to give up his work as commissioner of football officials, I followed him in that job. The sound advice which he gave me

"Lehigh will always cherish the memory of a man who for twenty-six

ined boldly Scroll

then and during the rest of his days was of incalculable help, and the understanding way in which he gave it was a true inspiration; it didn't make it possible to fill the Okeson shoes, but it surely made it a lot easier to try. Along with his legion of friends in and out of football, I placed high value on my association with Okey, and I miss him sorely.

*Asa S. Bushnell
Commissioner,
Eastern Intercollegiate
Football Association*

IN the eleven years (1933-1943) he held the Chairmanship of the National Collegiate Athletic Association's Football Rules Committee, Walter R. Okeson rendered a tremendously valuable service to college athletics and in particular to intercollegiate football. During this period he made distinct contributions to the game which during his period in office played so large a part in the character formation of tens of thousands of college men.

He proved in every way a worthy successor to his great predecessors, Walter Camp of Yale and C. K. Hall of Dartmouth. The welfare of the players was always uppermost in his mind and he was ever alert to preserve for them the intrinsic values of football as a game. He held to the line of strict amateurism in college athletics and represented in his very person all that is finest in the highest esteem by college athletic administrators, officials, coaches and players. His passing leaves a gap in the ranks of college football which will be most difficult to fill.

*Philip O. Badger
President,
National Collegiate
Athletic Association*

IN THE passing of Walter R. Okeson, the valued chairman of the Football Rules Committee, football and the Rules Committee lost leadership and soundness that can not be replaced. For two generations Walter stood out in the mind of every sports-loving person in the nation as an inspiration, an example, and a leader of the highest type. What he gave to the game of football is not only recorded in the fine contribution he made as player, coach, official, and rules maker but also in the boys and men who have become finer and more rugged because of their association with him.

It is these sterling qualities that will always make Walter's memory so refreshing and his influence everlasting. I consider it a great privilege to have enjoyed his friendship.

*Dana X. Bible
Director of Athletics,
University of Texas*

TO those of us who were privileged to have association with Walter Okeson an enduring affection for him will forever reside in our hearts. All of us had deep respect and admiration for Walter as a clean sportsman, splendid teacher, wise counsellor, esteemed friend and above all a man of fine fibre.

His inspirational leadership brought out in others abilities unknown; his flaming spirit fired men to fight just a bit harder than they knew. The fullness of his life taught us to regard seemingly insurmountable obstacles as but a spur to greater effort.

Through association with him, absorbing only to a slight degree his principles and ideals, we are better equipped to play hard and clean the game of work and living.

*Fritz Crisler
Director of Athletics,
Univ. of Michigan*

IT IS hard to put into words what we think of Okey. He was one "grand hombre." I don't believe there has ever been one like him in our Lehigh picture.

I have always felt that there were two Okeys, the one belonging to Lehigh and the one belonging to sport, football in particular. He served both masters well and his memory will serve

as a guiding spirit for both in the years to come.

Okey was a tremendously enthusiastic worker in anything he tackled, and the one thing that stands out to me about him is the dual life he had to lead when the Western Conference influence hit Lehigh in the early twenties. The so-called purity bug blew in from the West and settled on South Mountain. True Lehigh man that he was, Okey had to follow the leader and believe me when Okey followed the leader, he did. But what a licking he took from the friends, and they were close friends, of the other Okey, the football Okey. Poor chap, I pitied him. You know that no one ever lived who liked football better than Okey. He loved good teams, good smashing games between high spirited kids. It hurt him more than any one will know to have poor teams at Lehigh. He knew the answer, but his hands were tied. He was brave and held his head high although his heart was heavy and hurt. All through the seasons he would hope and hope for success he knew could not be had. The night before the Lafayette games and between halves he aged considerably. Enough of that. I know there were many others who suffered like Okey.

Let's bring the Lehigh back that the two Okeys stood for. What better tribute could we make to Okey's memory?

*Vincent J. Pazzetti, Jr., '15
All-American, Lehigh*

WALTER OKESON, my friend, contributed more to the great American game of football than any other man during his lifetime. In founding and fostering the Eastern Intercollegiate Association of Football Officials, Walter instituted an organization which provided all intercollegiate games with impartial officials of known ability. His qualifications for the more important post of Chairman of the Intercollegiate Football Rules Association were ideal; he was a great football player; an experienced coach; the most thoroughly-versed and competent football official and, finally, a true sportsman. These factors, together with his executive position at Lehigh University, where he was in constant touch with undergraduate sentiment,

(Continued on page thirty-six)

rs, under three presidents, guided a great University to greater heights."

Commencement in June



Major participants at commencement exercises last month were: (Seated) Dr. William P. Tolley, speaker, Dr. Eugene G. Grace, '99, Dr. C. C. Williams, Kenneth Frazier, '87; (Standing) Earl F. Johnson, '07, Martin W. Clement, Wm. A. Paton

SUNDAY afternoon, June 18, found 43 remaining members of an original class of 600 marching solemnly into ivy covered Packer Memorial Chapel to receive undergraduate degrees from retiring president Williams who likened the small group to the remnant of the famed Light Brigade whose duty it was "not to reason why or to inquire whether someone had blundered."

But despite the small number of graduates in the class, Lehigh's seventy-eighth commencement exercises did not lack for color, and traditional features were strictly observed. In the morning, the seniors, preceded by the faculty, joined in the processional march to the chapel, heard Dr. C. G. Beardslee deliver the Baccalaureate sermon, and in the afternoon, all returned to the chapel where Dr. William P. Tolley, chancellor of Syracuse University gave an inspiring Commencement address.

In addition to the undergraduate degrees, the University conferred four honorary doctor's degrees, one professional degree, and eleven Master's degrees for a total of 59. Lehigh alumni among the honorary degree recipients were Earl F. Johnson, '07, vice-president of General Motors Corp., and Kenneth Frazier, '87, well known portrait artist of New York city, and son of a former Lehigh professor. Presented by Dr. Hale Sutherland, head of the civil engineering department, alumnus Johnson received a doctor of

engineering degree, and was saluted by President Williams as "a distinguished son of your alma mater, in recognition of your high attainments in engineering and industrial management this degree is conferred."

Artist Frazier, who received a doctor of letters degree, was presented by Professor Garth A. Howland, head of the department of fine arts, who reviewed the artist's outstanding attainments in his chosen field and said: "We are proud to have three of his portraits at Lehigh, one of his father, Prof. Benjamin West Frazier, the others are of Professors Ringer and Stewardson. These bear evidence of the high rank of his work not alone for his technical excellence but because of his sympathetic treatment and sincere interpretation."

Honorary degrees were also conferred upon Martin W. Clement, president of the Pennsylvania Railroad, and William A. Paton, head of the department of accounting, University of Michigan. The former, presented by Dean A. Copeland Callen, was awarded a doctor of engineering degree in recognition of his contributions to the science of railway transportation, while Mr. Paton, introduced by Professor Roy B. Cowin, head of Lehigh's accounting department, was given the doctor of letters degree because of the work and writing he has done to systematize the thinking of the country about business affairs.



Morning of graduation day found George B. Curtis, registrar, explaining the route of the baccalaureate procession to the seniors who constituted the June graduating class.



In a short time, color guards were leading graduates down University drive in the annual academic procession from the Memorial building to Packer chapel for baccalaureate service. The short file was in contrast to the long lines of preceding years, but the good weather was traditional. Below: Color guards give strict attention to the final instructions laid down by Sgt. George F. Gasda from the Cadre.



Chatting in the rotunda of the Memorial building prior to baccalaureate services were, left to right: Profs. Frank S. Beale, Carl E. Allen, Robert P. More, Garth A. Howland, and John H. Frye, all black gownned and smiling.



Pictured above are the graduates and dignitaries as they marched to Packer chapel where annual service was held.



New and retiring officers of the Alumni Association pictured above are: (seated) George F. Nordenholt, '14, Dr. Nevin E. Funk, '05, George R. Brothers, '08, and Robert C. Watson, '13; (standing) John M. Latimer, '18, Robert S. Taylor, '95, and Linwood H. Geyer, '15. At right: George Nordenholt and Dr. Robert Billinger, '21, greet Dean Philip M. Palmer.



Executive Session



Alumnus trustee Stewart J. Cort, '06, chats with president-elect George R. Brothers, '08, before the luncheon.



Active participants in the meeting were E. Kenneth Smiley, director of Admissions and Dr. William L. Estes, '05, alumnus trustee; (circle) Robert S. Taylor, '95, confers with the Executive Secretary

WELL aware of the difficult situation being confronted by their University, Lehigh alumni last year set a six year high by contributing more than \$38,000 to the Alumni Fund which was turned over to the University for operating expenses. Grati- fied by this tangible evidence of interest and encouraged by increasing signs of optimism on the campus, Directors of the Alumni Association met last month at the Hotel Bethlehem, and if the en- thusiasm engendered there can be taken as an indication, Lehigh will again be assured the whole-hearted cooperation and support of her alumni during the year ahead.

For three and a half hours on the afternoon of June 17 Association directors, many of them busy and prominent officers in their own busi- ness organizations, heard reports of the past year's achievements, planned for Lehigh's future and emerged tired but convinced that alumni everywhere must play a more prominent role if the Uni- versity is to emerge unscathed from these war-torn years.

Pleased with the Executive Secre- tary's report which showed that 3,435 men or 46% of the total number of graduates have contributed to one or more of the Alumni Association's pro- jects thus far in this fiscal year, the directors were further heartened by the announcement of C. L. T. Edwards, '13, president of the Lehigh Council of Class Agents, that gifts totaling \$35,268.19 had been contributed to the Fund during the first eleven and a half months of the year. The Fund, already \$5,268.19 ahead of the quota set last year will be used by University officials where the need is greatest, and is definite proof of the growing inter- est of Lehigh men in their alma mater.

Assured by Mr. Edwards of the con- tinued support of these men, and con- vinced that other alumni will give their aid when the University's great need is made known to them, the directors, after consulting with the administra- tion's budgetary committee, displayed their faith in the loyalty of fellow Lehigh men by promptly raising the new Fund quota to \$51,000, an amount which must be raised between July 1, 1944 and June 30, 1945.

THIS was the first time in more than a quarter of a century that the Board met without the presence of



Taken in the '96 Alcove during the luncheon this picture shows (left to right) John M. Latimer, '18, Robert C. Watson, '13, Thomas H. Lueders, '06, George R. Brothers, '08, Stewart J. Cort, '06, Dean Philip M. Palmer, Lewis Rights, '93.



Above: Dean A. Copeland Callen, '09, Jack K. Connen, '31, and Arthur W. Klein, '99, await the start of the business meeting. Below: John M. Latimer, '18, and Robert C. Watson, '13, discuss the University while Thomas H. Lueders, '06, listens.



the beloved Walter R. Okeson, '95, who died last November 4, and it was only fitting that the directors vote unanimously to present a plaque to the University in memory of the one man who by sheer spirit carried Lehigh through its darkest hours. With approval of the Board of Trustees the plaque will be cast in the general specifications of the Drinker Memorial which is now in the war record chamber of the Alumni Memorial building, and the two plaques will then be placed on either side of the entrance doors in the tower chamber of that building.

Also of interest to the directors was the announcement that the Active Membership trophy was won this year by the class of 1889, whose energetic class agent William A. Cornelius had succeeded in obtaining 100% representation. But when it was pointed out, by President Nevin E. Funk, '05, that the institution of the Class Memorial

Gift Plan placed classes from 1938 to the present out of competition with older classes because of the plan's impetus, the Board agreed to present a special cup to Memorial Gift classes in order to correct the inequity and that now all class averages will be reckoned on the "Dartmouth" system, where the basic number of graduates in the class is used in determining the percentage of participation. With this method classes will not be penalized for making a special effort to encourage contributions from non-graduates, as has been the case with the previous method.

Business discussion ended (see official minutes for full details) the Board heard the report of the tellers and was well pleased with the announcement that George R. Brothers, '08, would succeed Dr. Funk as Association president for the coming year, and that the latter would become an Alumnus Trustee for a six year period. Others elected to office include: Dr. William

L. Estes, '05, as Alumnus Trustee; John M. Latimer, '18, and Linwood H. Geyer, '15, as vice-presidents.

In surrendering the presidential gavel to alumnus Brothers the retiring president expressed his appreciation to all Lehigh men for the opportunity to serve during the past year, and urged all committees to give the new president the same type of support he was given during his term of office.

PRESIDENT-ELECT Brothers in accepting office declared that he was well aware of the difficult problems facing the University at this time, but that he was certain the Association could aid materially in alleviating some of these burdens. Stating that finances are the greatest present need of the University, Mr. Brothers said that current faculty and student problems must also be given every consideration if Lehigh is to maintain her rightful place in the post-war educational world.

The Spirit of Okey (Continued from page seventeen)

\$200,000 was added to the cost with Packard's approval.

Perhaps Okey's greatest work came later, however, when it was seen that this splendid new building might never accomplish its full purpose unless its operation was endowed. Okey again approached Packard and, fired by Okey's vital enthusiasm, the great industrialist made a will which gave Lehigh 25 per cent of the income of his estate during Mrs. Packard's lifetime, (to date \$606,376 has been received), and at her death one-third, estimated to be \$1,500,000. This is about the best illustration I know of Okey's ability to instill his own enthusiasm and confidence into the mind of another.

WHILE you all know that during Okey's entire association with Lehigh as Secretary of the Alumni Association, and later as Vice President and Treasurer, he devoted most of his time to the raising of money, and was very successful in this, you probably do not know that he disliked this work tremendously and told me many times that it almost made him physically ill to realize that he must continually appear before alumni groups

and ask for contributions. Few of you know, also, that because of this dislike, in 1926 he resigned, with the avowed intention of going back into business, as he said he could no longer face the unpleasantness of his position as a beggar. Fortunately for Lehigh, a few of his friends were able to prevail upon him to withdraw his resignation and keep on going.

In 1928 the directors of the Alumni Association accepted his resignation as Secretary and appointed Buck Buchanan as his successor, and Buck was Okey's selection. You all know the remarkable success he made, and he is one of the few men who would have successively succeeded Okey. Okey was made Secretary of the Board of Trustees and Treasurer of the University in 1923, and Vice President in 1939.

As Treasurer of the University he worked in close association and complete harmony with Samuel D. Warriner, '90, who was Chairman of the Finance Committee, and these two were almost wholly responsible for keeping Lehigh in the black during the depression years from 1930 until Warriner's death. At this time Okey also served as Treasurer, and later President, of the London Mines, which he helped pull

out of the doldrums, and steered it into its remarkable earning record that contributed so largely to the financial wellbeing of the University during these years.

I believe in the period of his active connection with the University, Okey contributed more to the progress of Lehigh than any other man, and he will always stand with Asa Packer at the head of the list of those who have made Lehigh. For thirty years the spirit of Okey was the spirit of Lehigh, and his memory will continue to inspire us all in maintaining the ideals he had always before him.

Aside from business, Okey always found time to visit with his many friends whom he loved and who loved him. To me, the finest description of Okey as a man was written by R. S. Taylor, his very close associate in Bethlehem. On a photograph that Bob gave Okey he wrote the following:

"To Walter R. Okeson, who when I have fallen in my own esteem and sit woefully amidst the ruins of my pride, has always believed the best of me. A better friend no man ever had."

Official Proceedings of Board Meeting

With A List of Graduating Seniors

President Nevin E. Funk, '05, called the meeting to order at 2:55 p.m. with the following in attendance: S. T. Harleman, '01, G. F. Nordenholt, '14, L. H. Geyer, '15, C. L. T. Edwards, '13, R. D. Billinger, '21, Dean A. C. Callen, '09, J. K. Conneen, '30, Arthur W. Klein, '99, Dr. C. G. Beardslee, R. S. Taylor, '95, J. M. Latimer, '18, R. C. Watson, '13, T. H. Lueders, '06, G. R. Brothers, '08, S. J. Cort, '06, Dean Philip M. Palmer, L. D. Rights, '93, E. Kenneth Smiley, W. L. Estes, '05, Leonard H. Schick, '37, and Robert F. Herrick, '34.

On a motion by Mr. Edwards, seconded by Dr. Estes, the minutes of the previous meeting of the Board of Directors, as published in the Lehigh Alumni Bulletin, were approved without alterations or corrections.

Dr. Funk then called upon Robert Herrick, executive secretary, for his report, which was as follows:

"The operations of the Association will be detailed in later reports. I propose only to brief them here. Projecting our figures to June 30 next, we find all operations ending in the black by some one hundred and twenty-five dollars in spite of salary increases, granted last fall, the two-months' additional salary item due to the emergency and the 200 per cent increase in the cost of the service newsletter.

"It is well known to you that in normal times we maintain direct contact with some 50 class agents, 50 different class correspondents, club officers and thousands of alumni with about an equal number of diverse problems. To this work has been added an unprecedented flood of address changes, mainly occasioned by the fact that we insist on reaching service men direct at their point of duty. While we know that many alumni associations have eased their task by sending mail to a permanent home address, we don't want Lehigh material to reach our men late, forwarded along with three dozen personal letters and a box of cookies from home. This is the hard way to do it but it is already showing dividends.

"As an example of the bulk of the work we have been handling let me point out in passing that we have made more than 12,000 complete changes of address in the past year on stencils, mailed 64,231 service newsletters, 33,212 bill forms, individually acknowledged some 3,000 gifts and conducted an individual Bulletin circulation campaign resulting in a 90 per cent renewal of subscriptions.

"Correspondence with men in the service is little short of overwhelming and their enthusiasm for Lehigh is beyond our fondest dreams. The service newsletter, so capably handled by Len, has fostered that interest among our 2,164 alumni and 871 undergraduates in the armed forces, and some day Lehigh will reap the harvest of genuine affection which these men already display in their letters."

"Alumni Dues payments will again show a gain of some two hundred contributors to

continue the upward trend and too much thanks cannot be given to the Class Memorial Gift program for aiding in this increase. It is interesting to note that 3,435 men have contributed to one or more of the Alumni Association's projects thus far in this fiscal year, or 46 per cent of the total number of graduates. The Alumni Bulletin has had a very good year, adding 610 subscribers and, as a result of a campaign for new advertising, boosting the receipts in that department considerably. A drive for life members brought \$3,000 to the investment account and Mr. Taylor's careful guardianship of the latter has resulted in considerable appreciation of these funds. Securities in this portfolio now total about \$40,000 in market value.

"Student Grants collections, somewhat nat-



DR. NEVIN E. FUNK, '05
"Becomes Alumnus Trustee"

urally, have dropped off as a result of decreased athletic interest, but the number of contributors is essentially that of the past year and much of the decrease in dollars can be attributed mainly to a substantial individual gift which is missing thus far this year.

"The Alumni Fund has surpassed last year's total of \$34,708.60 (\$35,268.00 as of this date) and numbers of contributors continue to be on a par with last year's record figures. As the University was promised \$30,000 this year, it is a special pleasure to turn over this dividend.

"Parenthetically, I want to pay tribute to the Council of Class Agents, which was even more active this year and kept the participation curve from dipping in the face of an evident down trend in contributions resulting from the increased tax burden. There are still weak spots in the personnel of the Council, but to find 52 men each year who are willing to give freely of their valuable

time to this project is no mean feat and Mr. Edwards and his officers certainly deserve credit for persuading more and more interested agents to fill the gaps with each new campaign.

Mr. Taylor, speaking as acting treasurer of the University, then gave a sketch of financial operations of the University up to the present time, explaining that receipts from the War Department in connection with the Army Student Training Program had been in excess of \$900,000 and had made possible successful financial operations up to this point. He explained that the Army Program had been greatly curtailed and while the University had laid aside \$250,000 as a reserve fund for resumption of normal operations after the war he pointed out that there is an immediate demand for financing in order to balance the current budget, pointing out that the Budget Committee had suggested that the Alumni Association collect \$45,000 in the next fiscal year and that, depending upon the size of the Army Program, the University would find it necessary to undertake deficit financing to a greater or lesser degree.

Tribute to the memory of the late Walter Okeson, treasurer of the University, as well as to those Lehigh men who had died in the service of their country during the past year, was paid by President Funk. In memory of these, as well as all alumni who had died since the last annual meeting, he suggested a moment of silent prayer. During this interval Leonard H. Schick read the list of those who had died in the service and Dr. Claude Beardslee offered a prayer in their memory.

Messrs. Nordenholt, Cort and Watson were named as tellers to count the ballots for officers of the Alumni Association and then Dr. Funk called for the reports of the standing committees.

Mr. Geyer, chairman of the Publications Committee, reported as follows:

"All American magazines have encountered numerous publishing problems during the past 12 months and your Bulletin is no exception. For this reason, we have been fortunate in having a Committee, every member of which, in addition to being an active and interested alumnus, is in some way associated with the publishing or advertising business.

"The editorial problem has been a difficult one. In general, the Bulletin has tried to give its readers all campus, alumni, and military news which would be of interest to all men. The chief intent has been to publish up-to-date information on those alumni who are serving their country. This coverage in the Bulletin of 'war news' has been supplemented by 'Lehigh Passes In Review,' about which more will be said later in this report.

"An important change in the format was made when the editors and the Committee agreed that the 6-point type used in 'Lives of Lehigh Men,' the class notes, was too small. This particular section of the Bulletin is the one which is certainly most

closely read by the most people and, therefore, should be made as easy to read as possible. The 6-point type was discarded and this section was set in 8-point type on a 9-point slug. The names of alumni used in the various class columns were set in bold face type, in order to make easy reading for the subscriber. These changes were put into effect in the latter part of last year.

"This is a good place to mention what your Committee feels to be the only weakness in our Bulletin set-up. We refer to the reticence on the part of the alumni to send news items to their class secretaries. As mentioned above, the class notes are, in our opinion, the most read items in the Bulletin, and it is of utmost importance that these notes be interesting and informative. The solution to this problem lies in the hands of the various alumni, especially during these busy days when the class secretary finds it difficult to be constantly hounding people for information by means of letters, etc.

"No report would be complete without statistics. Usually these are very uninteresting, but in the case of the Bulletin, they will give you all the same sense of satisfaction and the same desire to do even better, as they have given to the editors and your Committee.

"On June 1st the total circulation of the Bulletin was 3,264 as compared to 2,636 for the same date in 1943, which was the highest circulation in the history of the publication. This increase of 628 subscribers—nearly 25%—certainly indicates the growing interest of Lehigh men in their University's welfare. It must also be remembered that many younger alumni who normally would be subscribers, are now in the Armed Forces.

"The circulation revenue on June 30th will total \$8,828.64 as compared to \$6,126.20 for the year previous, or an increase of \$2,702.44—nearly 25%.

"You will also realize that receipts from circulation are only part of the income, and the natural question for you to ask is how did we come out on the advertising. Well, that is also a very attractive story. Advertising income following the publication of the July issue, will amount to \$5,849.54. While on the same date last year, the advertising income was \$3,741.73. This is a gain of \$2,107.81, or approximately 57%.

"Your editors are inclined to pass too much of the credit for this increase in advertising over to the members of the Committee. True, the Committee did work seriously and hard in connection with some circular letters, and publicity, and scheme of campaign, etc. But the actual work was done in the editorial offices and that is where the credit really belongs.

"As a direct result of the combined efforts, new advertising accounts have been obtained from Blaw-Knox, Gorman-Rupp, Harrisburg Steel, Hilliard Corporation, and the Union Carbide and Carbon Company. The anticipated total profits for the Bulletin for the year is \$3,337.50.

"We would like to call particular attention to 'Lehigh Passes In Review,' the news letter which is being sent to all Lehigh men in uniform. A year ago, this comprised a bi-weekly four page letter, at an annual cost of \$574.54. Today the letter is reaching 3,115 Lehigh men, and the ap-

proximate publication cost for the year will be \$2,340.00. This cost is being borne by the Bulletin and the Alumni Association budgets.

"From time to time campus pictures have been included in these letters, and all have met with favorable response from the men in uniform. Evidence of this interest is seen in the hundreds of letters and cards which have been received from these boys during the past year. It should also be stated here that the May issue of the Bulletin which contained the names and addresses of all alumni in the service was sent free to those men who



GEORGE R. BROTHERS, '05
". . . aware of the problems"

do not subscribe to the magazine. The publication of these names is also important because it will aid materially in preparing a complete military record when this war reaches its conclusion.

"Several official Committee Meetings were held during the year in New York, and in addition, various members of the Committee met with the editors in Bethlehem. Your Committee consisted of Frank J. G. Duck, '20, Kent Putnam, '35, A. W. Fisher, '11, Samuel C. Fuller, '31, L. H. Geyer, '15, chairman. In addition, we were favored with the advice and cooperation of G. F. Nordenholt, a former Chairman of the Committee, and Albert W. Hicks, a former member of the Committee. Early in the year, Samuel C. Fuller went into the Service, so your Committee carried on with no additions.

"This report would not be complete without mention of the very excellent work of Len Schick and Bob Herrick. Because in the opinion of your Committee, these are the men who are directly responsible for the outstanding character of the Lehigh Alumni Bulletin. For years, this publication has been a credit to the University and a credit to alumni magazine publications. Its arrangement, typography, and format are excellent—far above the average. The quality of its editorials, together with the attractive use of illustrations, will stand competition from any similar publications. So again we say, 'Hats off to Len Schick and Bob Herrick.'

Mr. Samuel T. Harleman, chairman of the Prospective Students Committee, made the following statement:

"The last year has offered little comfort to those high school boys who planned or hoped for a chance to choose, qualify for, and enter Lehigh. The incessant changes in Selective Service procedures, the stumbling start and abrupt liquidation of ASTP, the creation of and almost immediate rescinding of the quota of engineering students—these and other equally disconcerting events have forced most boys and all adults into a state of bewildered resignation to the mysterious forces which direct the destinies of young men. The high school senior has known that he would enter the armed services if he was physically fit: when and how have been, for the most part, unanswerable, if highly proper, questions.

"As of today, a boy under 18—17 years and 6 months in some cases—may choose between trying for specialized training in Army or Navy college units at no expense to himself, and trying to complete a few months of college experience as a civilian, paying his own way. Approximately 100 boys have elected to enter Lehigh this month to complete one or two semesters before induction. These boys will without doubt be nearer graduation when they are inducted, will have fewer months to spend in college after returning to civil life, than those who are accepting military scholarships to enter the Army Specialized Training Reserve Program.

"Lehigh Alumni face a difficult problem in advising their own sons these days. It has not seemed practicable to ask busy men to organize into Volunteer Committees to solicit questions to which there were no answers. But just as soon as we can discover who can go to college, and when and for how long, we propose to reconstitute regional committees to provide personal relationship between Lehigh and selected high school seniors all over the country—where ever there are Lehigh men."

Dr. Funk, as chairman of the Student Grants Committee, reported for both his committee and that of Mr. C. F. Lincoln, chairman of the Student Grants Collection Committee, who was unable to be present. Dr. Funk revealed the following figures:

Bank Balance July 1, 1943	\$5,288.64		
Collected '43-'44 (includes \$131.22 interest)	4,694.31		
	<hr/>		
	\$9,982.95		
Credit .....	.20	
	<hr/>		
	\$9,983.15		
Expenses	448.45		
	<hr/>		
	\$9,534.70		
Purchase of U. S. Treasury Bond	5,029.41		
	<hr/>		
Bank Balance as of June 14, 1944	\$4,505.29		
Total Invested in U. S. Treasury Bonds	\$11,064.09		
	<hr/>		
No.	July 1- June 30	July 1- June 30	July 1- June 14
Contr.	1941-42	1942-43	1943-44
445	\$3,604.75		
556	\$8,233.80		
508			\$4,694.31

Contributions by districts:

Bethlehem	\$ 641.00
New York City	786.00
Philadelphia	409.00
Penna. (excl. of Phila. & Pgh.)	532.00
New Jersey	461.50
Del., Md., & Wash., D. C.	192.25
U. S. West of Penna.	766.00
N. Y. (excl. of N. Y. C. & Buffalo) ..	85.74
Pittsburgh	313.50
Boston	51.50
Buffalo	31.00
So. New England	53.00
Philadelphia Club Treasury	75.00
Scattered	162.50

He pointed out that while no new awards have been made, the Committee is especially anxious to continue collections during the war period so that the Grants fund may have a firmer financial backlog at the time operations are again resumed. He added that we still have commitments to Alumni Student Grants men who will return after the war as well as an obligation to forward the program as rapidly as possible when normal times return.

Mr. C. L. T. Edwards, president of the Council of Lehigh Class Agents, gave the following report:

"In reporting on the work of the Class Agents during the past year, I must first offer tribute to those men, the Class Agents, who have given so freely of their time and effort in order that the needs of the University should be met. The contribution which these men have made cannot be evaluated at this time. This we do know—the number of active supporters of the four musts, namely, Dues, Bulletin, Grants, and Fund have shown consistent increase and such improvements are due, largely, to the efforts of the individual Class Agents.

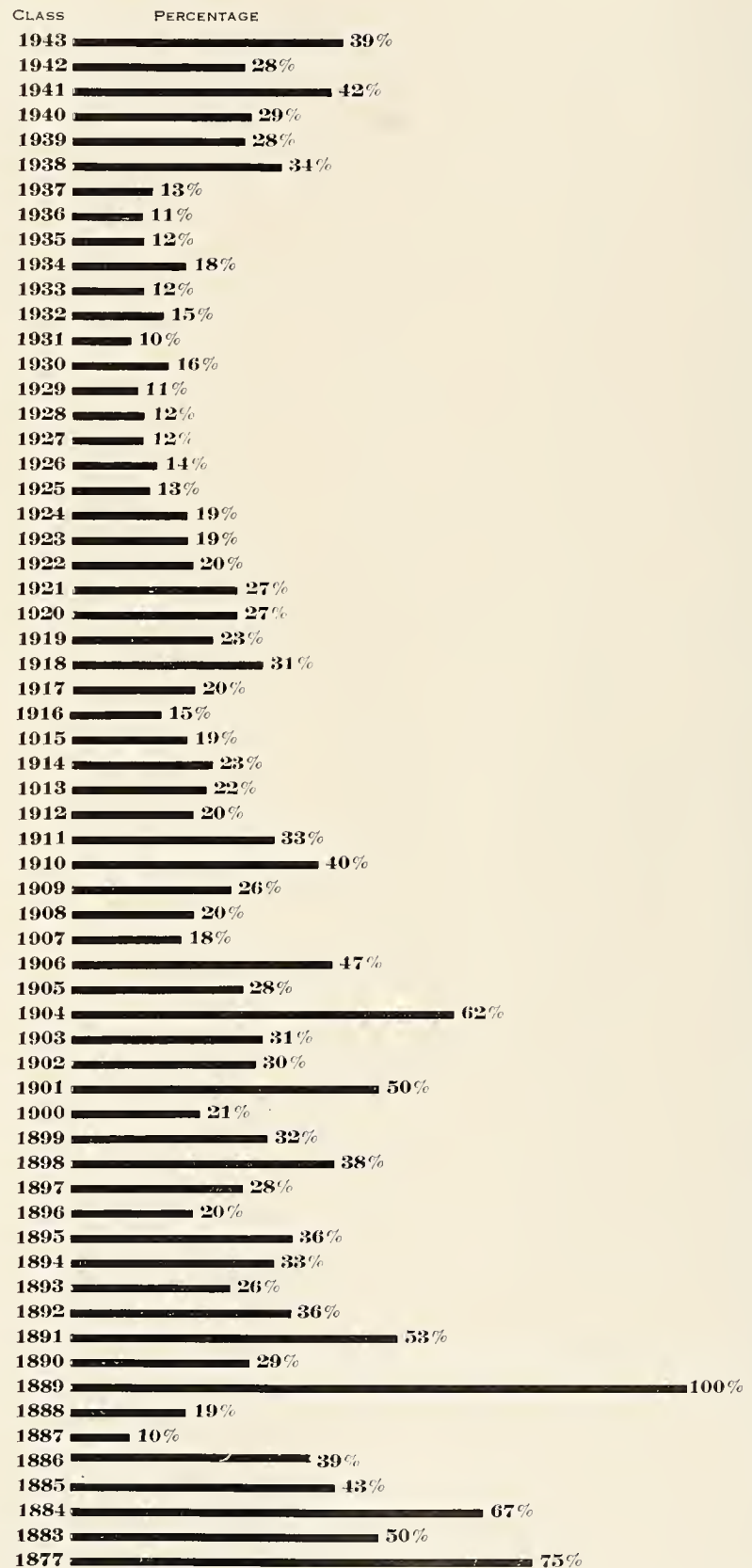
"In spite of the war, taxation, apparent indifference and the frailties of human nature our progress as of June 14, 1944 when compared with those of the corresponding date of two years ago is as follows:

	1942	1944	% Increase
Dues			
Payers ..	2,089	2,714	29.91
Receipts ...	\$ 6,896.00	\$ 7,830.00	11.92
Bulletin			
Subscribers ..	1,851	2,446	11.92
Receipts ...	\$ 6,169.20	\$ 7,660.50	24.17
Grants			
Contributors ..	439	508	15.71
Amount ...	\$ 3,571.35	\$ 4,694.31	31.46
Income Payers	1,207	1,407	16.49
Total Gifts ...	\$34,443.92	\$35,268.19	2.40
Total Receipts	\$51,080.47	\$55,453.00	8.50

"From the foregoing comparison we can readily see that Alumni interest in the University affairs is on the increase, especially as evidenced by the substantial gains in numbers of dues payers and Bulletin subscribers. Your special attention is called to the steady support given to the Alumni Student Grants plan in spite of the fact that Grants "are out" for the period of the emergency. A

The Final Standing of Class Campaigns

Here are the final records in the council of Class Agents' 1943-44 Alumni Fund campaign. Figures indicate the percentage of men in each class who made a direct gift to Lehigh. This chart is a visual graph of Alumni Fund figures found on page



Income Accounts of the Lehigh Alumni Association

— From July 1, 1940

Class	No. of Members With Addresses	No. Paid Alumni Dues	Amount Paid Alumni Dues	Percentage	No. Paid Bulletin	Amount Paid Bulletin	Percentage
1943	471	*219	\$219	47	*214	\$471	45
1942	614	*229	229	37	*234	552	38
1941	428	*206	206	48	*197	460	46
1940	436	*164	164	38	*163	401	37
1939	401	*132	132	33	*132	316	33
1938	343	*136	272	40	*134	326	39
1937	256	60	120	23	65	195	25
1936	263	55	110	21	46	138	17
1935	289	55	110	19	57	171	20
1934	295	66	132	22	66	198	22
1933	300	49	147	16	50	150	17
1932	249	38	114	15	48	144	19
1931	327	57	171	17	61	183	19
1930	310	48	144	15	54	162	17
1929	280	44	132	16	53	159	19
1928	226	40	200	18	43	129	19
1927	210	32	160	15	40	120	19
1926	156	27	135	17	34	102	22
1925	193	33	165	17	38	114	20
1924	186	36	180	19	40	120	22
1923	189	39	195	20	49	147	26
1922	159	37	185	23	49	147	30
1921	113	39	195	35	50	150	44
1920	108	40	200	37	43	129	40
1919	94	29	145	30	27	81	29
1918	110	39	195	35	53	159	48
1917	94	24	120	26	30	90	32
1916	89	26	130	30	35	105	39
1915	80	21	105	26	28	84	35
1914	91	25	125	27	32	96	35
1913	113	35	175	30	33	99	29
1912	99	27	135	27	33	99	33
1911	79	30	150	38	29	87	37
1910	93	42	210	45	36	108	39
1909	101	29	145	29	38	114	38
1908	98	32	160	33	31	93	32
1907	90	26	130	29	34	102	38
1906	70	35	175	50	37	111	53
1905	85	30	150	35	32	96	38
1904	69	34	170	49	29	87	42
1903	51	23	115	45	30	90	59
1902	26	14	70	54	16	48	62
1901	38	22	110	48	18	54	47
1900	33	12	60	36	11	33	33
1899	28	14	70	50	10	30	36
1898	34	18	90	53	17	51	50
1897	39	20	100	50	17	51	44
1896	69	33	165	48	22	66	32
1895	59	46	230	78	31	93	53
1894	46	19	95	41	21	63	46
1893	47	16	80	34	12	36	26
1892	22	10	50	45	7	21	32
1891	17	9	45	53	9	27	53
1890	23	8	40	35	8	24	35
1889	27	21	105	78	13	39	48
1888	16	8	40	50	5	15	31
1887	21	8	40	38	7	21	33
1886	13	6	30	46	7	21	54
1885	7	1	5	14	2	6	29
1884	3	3	15	100	3	15	100
1883	4	3	15	75	2	6	50
1881	1	1	5	100	..	..	..
1879	1	..	..	..	..	..	..
1877	4	2	10	50	2	6	50

Total	8,886	*2,682	*\$8,022	30	*2,666	*\$7,611.00	30
-------	-------	--------	----------	----	--------	-------------	----

* Includes participants in the Class Insurance Plan.

ation and Lehigh Alumni Fund by Classes to June 21, 1944

Class	No. Paid Student Grants	Amount Paid Grants	Student Percentage	No. Paid Income	Amount Paid Income	Percentage	Total Amt. Paid
43	4	\$12.00	.08	*186	\$106.50	39	\$ 808.50
42	20	161.50	3	*181	249.65	29	1,192.15
41	18	86.00	4	*178	185.60	42	937.60
40	18	58.00	4	*128	231.96	29	854.96
39	21	104.50	5	*111	160.50	28	713.00
38	22	67.00	6	*118	170.00	34	835.00
37	19	72.25	7	34	163.25	13	550.50
36	11	25.00	4	29	337.00	11	610.00
35	20	66.00	7	36	262.50	12	609.50
34	19	59.50	6	53	307.50	18	697.00
33	17	93.50	6	37	430.50	12	821.00
32	16	42.50	6	37	204.50	15	505.00
31	17	74.00	5	34	671.00	10	1,099.00
30	13	50.00	4	50	339.50	16	695.50
29	12	62.00	4	32	251.00	11	604.00
28	16	67.00	7	26	248.50	12	644.50
27	10	53.00	5	26	435.00	12	768.00
26	9	47.00	6	22	299.00	14	583.00
25	10	82.00	5	25	318.00	13	679.00
24	12	76.00	6	36	518.00	19	894.00
23	11	58.00	6	36	504.00	19	904.00
22	8	77.00	5	32	881.13	20	1,290.13
21	12	82.00	10	31	313.00	27	740.00
20	11	101.50	10	30	533.50	27	964.00
19	7	54.50	7	22	187.50	23	468.00
18	14	80.50	13	34	800.82	31	1,235.32
17	4	23.00	3	19	369.00	20	602.00
16	6	57.00	7	13	219.00	15	511.00
15	4	32.00	5	15	292.00	19	513.00
14	6	48.00	7	21	406.00	23	675.00
13	8	44.50	7	25	775.50	22	1,094.00
12	5	57.00	5	20	545.00	20	836.00
11	13	280.00	16	26	847.00	33	1,364.00
10	10	410.74	10	37	3,414.00	40	4,142.74
09	12	56.00	12	26	435.00	26	750.00
08	8	53.00	8	20	494.00	20	800.00
07	8	127.50	9	16	2,827.50	18	3,187.00
06	13	78.00	19	33	2,087.00	47	2,451.00
05	8	154.00	9	24	591.00	28	991.00
04	5	65.00	7	43	1,035.00	62	1,357.00
03	2	10.00	4	16	657.00	31	872.00
02	2	35.00	8	8	467.00	30	620.00
01	4	145.00	10	19	1,762.00	50	2,071.00
00	1	8.00	3	7	346.00	21	447.00
99	2	255.00	7	9	1,298.78	32	1,653.78
98	2	7.00	6	13	392.00	38	540.00
97	2	20.00	5	11	1,597.00	28	1,768.00
96	4	37.00	6	13	869.00	20	1,137.00
95	8	616.00	14	22	1,057.00	36	1,996.00
94	4	80.00	9	15	450.00	33	688.00
93	.....	.....	.....	12	138.00	26	254.00
92	.....	.....	.....	8	275.00	36	346.00
91	1	1.00	6	9	1,309.00	53	1,382.00
90	.....	.....	.....	9	155.50	29	219.50
89	2	4.00	7	27	2,361.50	100	2,509.50
88	1	1.00	6	3	111.00	19	167.00
87	.....	.....	.....	2	105.00	10	166.00
86	1	5.00	8	5	88.00	39	144.00
85	.....	.....	.....	3	35.00	43	46.00
84	.....	.....	.....	2	105.00	67	135.00
83	.....	.....	.....	2	45.00	50	66.00
81	.....	.....	.....	.....	.....	.....	5.00
79	.....	.....	.....	.....	.....	.....	.....
77	.....	.....	.....	3	85.00	75	101.00
Interest on Investments		268.72				Interest and Phila. Club	343.72
Philadelphia Lehigh Club Treas		75.00		2	201.00	Outside Donors	206.00
Outside Donor		5.00					
	514	\$4,870.71	6	*2,122	\$37,356.19	24	\$57,859.90

substantial fund is being built up by the believers in athletics for several reasons; not the least of which is the conviction that successful athletics will prove a great asset to the University.

"The only reason we can find for the less than hoped for increase in the number of contributors to income is that more than 3,000 Lehigh men are now in military service. However, we have every confidence that should a real deficit occur at the University, our alumni will make good in meeting such an emergency."

Dr. Funk then called on Dr. Billinger, chairman of the Undergraduate Contact Committee, who made the following report:

"Again your chairman reports that the most impressive portion of the contact work was done by the sub-committee in charge of senior class gifts. A subsequent report describing the splendid work of Dr. C. G. Beardslee, chairman, and Mr. Charles K. Zug, '26, will reveal that the proportion of seniors successfully contacted was approximately 90% of the group. This represents an all time high in percentage and is a tribute to the zeal of the solicitors and to the ardent spirit of the senior students. Because of the fine performance of this sub-committee in doing excellent spade work we can understand their success. But the response of the seniors in a period when they probably received less from their University—because of the hectic problems caused by the A.S.T.P. invasion, overworked staff, etc., is proof that Lehigh men in general will rally to the support of their Alma Mater.

"The small group of civilian students, ousted from their usual living quarters, struggled nobly to hold on to their cherished traditions. This was evidenced by the relatively high attendance at several college meetings. Last Fall a fine college meeting was held in Packard Auditorium during the football season and with excellent short talks by Alumni Secretary Bob Herrick, Coach Caraway and student leaders, supplemented by cheers and group singing led by the band, we had the nearest approach to an old fashioned pep rally that this campus has seen in many years. Two well attended all University dinners were held in Hotel Bethlehem which also helped to cement the spirit of the undergraduates.

"While our chief interest has been in civilian students whom we look upon as future alumni, we also contacted and made friends with numbers of the young men sent here under the Army Service Training Program. While many of these lads were short on brains and study, they were in the main a well behaved and likeable lot; and there were some exceptional students among them whom Lehigh would welcome to return. Attending their farewell dance in March, your chairman was very favorably impressed with the well managed and thoughtful program which they engineered. There were pointers which our civilian student group could learn from this cosmopolitan group of student soldiers. It is to be regretted that more effort was not exerted to win friends among the A.S.T.P., but the sentiments of the group, if they can be judged by a farewell editorial written by one of them in the Bethlehem Globe-Times, show that they like much of what they experienced in Bethlehem.

"The informal pleasures which I have enjoyed during my term as chairman have

made the task one of distinct enjoyment and a feeling of some little contribution to the glorious cause. The real work has been done by the other members of the committee."

Dr. Claude G. Beardslee, chairman of the Sub-Committee of the Undergraduate Contact Committee in charge of the Class Memorial Gift Program, stated:

"This is a report of the Alumni Association's Undergraduate Contact Committee's sub-committee on Class Memorial Gifts. With the knowledge and approval of the Chairman of the Undergraduate Contact



DR. WM. L. ESTES, '05
"... serves as a Trustee"

Committee this report is being sent to you as President of the Alumni Association. I have assumed your approval of giving a copy to Chairman Billinger and Secretary Herrick.

"I note for the record that this sub-committee was elected June 12, 1943 by the Alumni Association. Chairman Billinger reported the election to the undersigned in a letter of July 12, 1943 and on the same date reported to you as President his notification to me as Chairman. Your verifying letter was dated July 14, 1943.

"This program was set up by Andrew Buchanan in 1938. The documents used in the work of this sub-committee consist of a mimeographed memorandum and a printed folder. I understand that everyone present has received a copy of the senior memorandum 'Did You Ever Say Thank-You to George Washington?' Copies of the printed folder are distributed to members present in this meeting as a part of this report. The numbers of original policyholders previously reported are divided by classes as follows:

Class	Number
1938	94
1939	93
1940	98
1941	137
1942	145
1943 — Jan. 52 }	172
May 120 }	—
	739

"The current student committees have decided to accept Arcadia's definition of the Class of 1944 as consisting of four graduating groups, namely, October 1943, February 1944, June 1944 and October 1944. This followed the policy established in 1943 which divided the graduating groups into two groups, one in January and one in May. It will be followed next year by defining the Class of 1945 as the total of three groups who graduate in February, June and October of that calendar year.

"The sales for the first two portions of this 1944 Class are as follows: October, 1943, 51; February, 1944, 50.

"The current report for the June graduating group is 34 policies out of 39 students. If this remains the final figure, it will bring the purchases in the first three groups of the Class of 1944 to 135 and will raise the total of original policyholders in all classes to 874. Your special attention is called to the fact that this program has been designed from the beginning to be a student achievement. In the first years Charlie Zug sold most of the policies and without his smart and faithful work the program would not have succeeded even though we had the inspiration of Okey's assistance. However, the percentage of student sales has steadily increased and the percentage of sales by the insurance company's representative has steadily decreased. You will be interested to know that every one of the 34 sales in the present graduating group was made by student members of the gift committee.

"I enter for the record the report compiled by Miss Dean summarizing deaths, 13, lapses, 12, extended term insurance, 24. These three groups total 49 and reduce the number of policies in force to 791. To this figure should be added the number just sold which raises it to 825.

"The Chairman takes this opportunity to recommend that Mr. Zug and Mr. Kirkpatrick deserve to be continued on the committee. Mr. Zug has continued his loyal and skilful support and Lt. Kirkpatrick would have done the same if it had been possible for him to be present.

"The Chairman has the support of the other members of the committee in emphasizing in this report our interpretation of student success in this program. Our primary job has always been to educate our seniors into an understanding of their education. When they catch a vision of the University's greatness, when they realize that they are better men for being Lehigh men, when they see the faith which has led givers in the past to invest in their times in future students they would never see and when they see their personal responsibility in helping to maintain their own University's excellence and prestige; when they see these things they want to help and they help if they can. In a deep sense this job by the students is their gallant and generous response to the sound job men like you have done as alumni. You have shown them something noble and they have joined you in your faith."

Mr. T. H. Lueders, chairman of the Alumni Clubs Committee, gave the following report:

"The problem of maintaining the activity of Lehigh clubs in war time is not an easy

one. It is academic to point out that gas rationing and the demands of war upon club officers have taken a heavy toll in plans that otherwise might be carried out.

"Clubs in metropolitan areas where public transportation is convenient continue to flourish, but the smaller clubs, especially those representing combined communities, suffer.

"Two important developments of this year were the renewed activity of the New York and Chicago clubs. The former is reorganizing its officers after the first meeting of the club in two years, and the latter held two successful meetings with record attendance.

"Special efforts have been made to encourage meetings in Buffalo, Maryland and Northeast Pennsylvania, but club officers at those points found too many local difficulties for meetings at this time.

"The Home Club has launched a successful series of monthly luncheons and Lehigh alumni in London held their first dinner meeting for men in the armed forces. The shift of Army personnel has caused the dissolving of active clubs at Aberdeen and Fort Benning.

"In addition to the above, meetings were held at Pittsburgh, Philadelphia, Trenton, Southern New England, Harrisburg and Southern California.

"It was our intention this year to hold a club conference in Philadelphia where representatives of Lehigh clubs could air their difficulties and pool their suggestions. Just as announcements were being prepared, the draft situation shook up the alumni office and the project was delayed. I still believe some such discussion of this sort should be held by club officers and suggest that it be incorporated in plans for the next year."

Under the agenda of unfinished business, Dr. Funk called upon the Special Awards Committee for its report on the proposed plan to honor Lehigh men for meritorious service both to the University and in their own fields of endeavor. In Mr. Jacobs' absence Mr. Harleman read the following report:

"The Special Awards Committee of the Lehigh Alumni Association, numbering Myrl Jacobs, chairman, S. T. Harleman and Allen J. Barthold, met with Robert Herrick on the evening of Saturday, November 7, for a preliminary discussion of the project delegated to this Committee by the Board of Directors of the Alumni Association.

"The Committee was of unanimous agreement that the Alumni Association should undertake a program designed to honor outstanding Lehigh men as well as those who by their interest if not affiliation have become 'adopted sons' of the University. For the sake of discussion, the problem was divided into two sections: Alumni Awards and Non-Alumni Awards.

"The Committee feels that the limitation on these awards had best be determined by the Board itself. We feel that the number of participants should be kept small, so that the honor will be great, that the Board of the Alumni Association should determine the maximum number to be awarded, and that it should not be obligatory upon the Awards Committee to make awards unless investigation indicates they are merited.

"There was little question that the awards should be given at such a time when a large

number of Lehigh men would be present for the ceremony, thus almost automatically placing the occasion as part of the Alumni Reunion activities. The suggestion that the awards be made at the Annual Alumni Banquet received most favor. It is the Committee's judgment that a definite limit should be placed on the number of awards to be made in any year, with the likelihood that in the first three or five years the number might be somewhat larger than in subsequent years in order that older alumni who might not be here, say after five years, would have



LINWOOD H. GEYER, '15
"... now a Vice-President"

the recognition they deserve while they are still living.

"In no case should any award be made to an alumnus before he has been out of college at least fifteen years, unless he has performed some most outstanding service either to Lehigh or to the world.

"Original thinking on the nature of the awards found support for a scroll or like paper suitable for framing which would be accompanied by a recognition charm or pin of such quality that it would be immediately recognized by other Lehigh men.

"The determination of the awards was felt to be an important problem and the Committee of three suggests that representatives be named in principal Lehigh Club areas (as in the case of the Prospective Students Committee) and that nominations be received direct from these men which in turn would be considered by the Special Awards Committee. Mr. Harleman reported that this system has worked exceptionally well in the case of his Prospective Students Committee. The Committee would, therefore, respectfully request permission to delegate certain men in each alumni area whose principal duty would be to nominate candidates.

"The question of honorary membership in the Alumni Association was the outgrowth of an original suggestion by Dr. Williams that a number of prominent men have taken a personal interest in Lehigh regardless of the fact that they were never officially connected as undergraduates and, in some cases,

have not attended college. Such an award, as in the case of the Alumni Award, would recognize a group of rather unusual men whose attainments were not such to merit honorary degrees but none the less deserve a tribute on the part of the University—represented in this case by the Alumni Association. It is perhaps well at this time to emphasize that the Committee understood these honors and awards, regardless of their ultimate nature, to be strictly an Alumni Association proposition and in no way reflecting the attitude or decisions of the University officially.

"If our deliberation to this point finds favor with the Board, we would suggest that we be empowered to continue with the ultimate objective of making our first award at the next Alumni Dinner."

On a motion by Dr. Estes, seconded by Mr. Lueders, the report of the Special Awards Committee was received with an expression of general approval, and by unanimous vote was referred back to the Committee for a complete codification and a formulation of conditions of the awards in a more specific manner with the hope that the Committee could also suggest specific nominees for these awards at the fall meeting of the Board of Directors.

At this point Mr. John M. Latimer pointed out that the inclusion of the word "subsidy" in the Alumni Association's published report should be changed, as an unfortunate interpretation resulted from the use of this misnomer. Mr. Latimer pointed out that the two or three thousand dollars which has been granted annually by the Board of Trustees of the University to the Alumni Association was in actuality an outgrowth of the fact that the Alumni Association was turning all receipts to the Alumni Fund over to the University intact for taxation purposes, whereas ordinarily this amount would be deducted as a campaign expense and in no sense should be construed as a gratuity from the University.

Mr. Latimer also asked that the Alumni Association, in its published reports of class accomplishment, include not only gifts to the Alumni Fund, but totals to dues payments, Alumni Bulletin subscriptions, and the Student Grants Fund in order that full justice may be done those classes where success has been achieved in collections in additional brackets. The executive secretary assured Mr. Latimer that both of these points would be considered in compilation of the July issue of the Alumni Bulletin.

Dr. Funk then referred to unfinished business in connection with the study of active membership awards where the institution of the Class Memorial Gift Plan placed classes from 1938 to the present out of competition with older classes because of the impetus of this Memorial Gift Plan, and called upon Mr. Herrick for a report on this matter.

Mr. Herrick suggested first that a special cup be presented for the Memorial Gift classes in order to correct the first inequity, and then that all class averages be reckoned on the "Dartmouth" system, where the basic number of graduates in the class is used in determining the percentage of participation. With this method, he explained, classes would not be penalized for making a special

effort to encourage contributions from non-graduates, as had been the case with the previous method. On this basis, he pointed out, the class of 1889, with 100 per cent, should, for the second successive year, receive the Active Membership Cup, paying particular tribute to the splendid work of Class Agent William A. Cornelius which more than justifies the award of the cup to this class.

On a motion by Mr. Stewart Cort, seconded by Mr. Geyer, the Board voted unanimously to instruct the alumni office to purchase a second cup to be awarded to that class having Memorial Gift Insurance and having the largest number of dues-paying members in a given year both through the Insurance Plan and independently. That determination of the award of the Active Membership Cup should be on a basis of number of graduates in the class. And, that the Active Membership Cup for 1944 be awarded to the class of 1889 with special congratulations to Mr. Cornelius.

Under the agenda of new business, and upon a motion by Mr. Geyer, seconded by Dr. Estes, the budget for the 1944-45 fiscal year was approved with the recommendation that the cost of the service newsletter be set up as a special and separate item.

Dr. Funk then called upon the executive secretary to present the question of a publicity program for the University. Mr. Herrick pointed out that the alumni office had long been an exponent of increased activity in the field of public relations on the part of the University and that the Association had recently been approached by Dean Philip Palmer, chairman of the Budget Committee, with the suggestion that the incumbent officers aid in this work. It was suggested to Dean Palmer that the funds available through the University for this purpose were inadequate to guarantee representative work and it was therefore proposed that the Alumni Association study the matter with the possibility of accepting the responsibilities.

There followed a lengthy discussion as to the importance of a public relations program at this time, with general agreement that every effort should be made to undertake a representative program if in no way it would increase the University's financial burden at this particular time. In as much as the University's Budget Committee had already requested \$45,000 as its requirements from the alumni in the forthcoming fiscal year, it was proposed that an estimated \$6,000 required for the publicity program be added over and above this amount and the following resolution was adopted:

Upon a motion by Mr. Geyer, seconded by Mr. Edwards, the Board of Directors of the Lehigh Alumni Association, at their annual meeting on Saturday, June 17, 1944, voted unanimously that the said Alumni Association should undertake at the request of the University Administrative Committee, on proposed budget of \$6,000, the public relations and publicity of Lehigh University for the duration of the war under the jurisdiction of the University.

RESOLVED, That, such publicity work begin immediately and that the sum of \$6,000 required be collected by the Alumni Association in addition to the \$45,000 suggested by the University Bud-

get Committee to be raised by the Alumni Association to aid in meeting operational expenses of the University.

That any of the foregoing action be subject to the approval of the Board of Trustees of the University.

The third item under new business was the consideration of a plaque to be erected in the memory of the late Walter Okeson, resulting in the following resolution:

On a motion by Mr. Geyer, and seconded by Dr. Estes, the Board of Directors of the Lehigh Alumni Association, at their annual meeting on Saturday, June



JOHN M. LATIMER, '18
"... the other Vice-President"

17, 1944, voted unanimously that a plaque should be presented to Lehigh University in memory of the late Walter R. Okeson as soon as materials might be available.

RESOLVED, That, subject to the approval of the Board of Trustees of the University, this memorial plaque be cast in the general specifications of the Drinker Memorial Plaque now in the war record chamber of the Alumni Memorial Building;

AND, That, these two plaques then be placed on either side of the entrance doors in the tower chamber of the Alumni Memorial Building.

Dr. Funk then introduced the suggestion of Mr. Arthur T. Ward, of the class of '13, for the consideration of the formation of a committee to study the needs of the library and to encourage the gifts of books and other literary objects by Lehigh men. Claiming that this was an excellent suggestion, Dr. Estes made the motion, seconded by S. T. Harleman, and the Board voted the appointment of a committee to work out details and to report at the fall meeting of the Board.

Mr. L. D. Rights then suggested that this committee be one of constantly changing personnel and George Brothers accepted this suggestion, adding that he planned to name a temporary committee to establish contact with the University librarian and determine

the names of interested men in this field who might be placed on the committee.

The Board then heard a proposal by Mr. L. D. Rights of a suggestion that the Alumni Association undertake a million dollar drive to finance the University through the remainder of the war period, and upon a motion by Mr. Taylor, seconded by Dr. Estes, the Board voted to refer the suggestion to committee for study and report.

A resolution from the Philadelphia Lehigh Club, requesting that Lehigh alumni be kept informed of the financial situation at the University, was read and the secretary instructed to inform the Philadelphia Club officers of recent developments which have tended to rectify this situation.

There being no other new business, the report of the tellers was read, indicating that Dr. Nevin E. Funk has been elected for a six-year term as alumnus trustee, Dr. W. L. Estes elected to the one-year unexpired term of Dr. Merrick, and that the following officers of the Alumni Association have been named: George Brothers, '08, president; Linwood H. Geyer, '15, and John M. Latimer, '18, vice presidents.

Dr. Funk then turned the gavel over to the new president, George Brothers, who remarked that he was well aware of the difficult problems facing the University at this time but that he was certain the Association could aid materially in alleviating some of the problems. Stating that finances are the greatest present need of the University, the new president said that current faculty and student problems must be given every consideration by Association members if Lehigh is to maintain her rightful place in the post-war educational world.

Dr. Funk then took the opportunity to thank the Board for their cooperation during the past year and adjournment was voted at 6:30 p.m.

LIST OF DEGREES CONFERRED AT LEHIGH'S JUNE 1944 COMMENCEMENT

THE GRADUATE SCHOOL
Candidates were presented by
Dean Tomlinson Fort

DOCTOR OF PHILOSOPHY

Major in Chemistry:

Richard Noble Rhoda, (B.S., M.S., University of Pittsburgh, Lehigh University), Allentown.

PROFESSIONAL DEGREE

Metallurgical Engineer:

Henry James Forsyth, (B.S. in Met. E., Lehigh University), East Aurora, N. Y.

MASTER OF ARTS

Major in Education:

Miriam Lathea Boyer, (B.S., Ithaca College), Allentown; Reuben Walter Bunker, (Ph.B., Muhlenberg College), Bethlehem; Harold Francis Shunk, (B.S. Lafayette College), Bethlehem.

Major in Psychology:

Clarence Henry Moatz, (A.B., B.D. Moravian College, Theological Seminary of the Reformed Church), Allentown.

Helene Jane Marcks, (Ph.B., Muhlenberg College), Allentown.

MASTER OF SCIENCE

Major in Chemistry:

Ralph Wagner Bentz, (B.S., Albright College), Reading; Willis Amos Heisey, (B.S.,

Albright College), Denver; Margaret Miriam Lams, (B.S., Pennsylvania State College), Allentown; Preston Parr (B.S. in Ch.E., Lehigh University), Germantown; William Comstock Walker, (B.S. in Ch.E., Lehigh University), Milwaukee, Wis.

Major in Mechanical Engineering:

Lee Terrell Askren, (B.S. in M. E. Purdue University), Bethlehem.

COLLEGE OF ARTS AND SCIENCE

Candidates were presented by
Dean Philip Mason Palmer

Bachelor of Arts:

Robert Otto Jensen, Freeport, N. Y.; Richard Maxwell Leiter, Hagerstown, Md.; Louis Moosbrugger Richard, Somerville, N.J.; David Harrison Welsh, Hackettstown, N. J.; Richard Rhys Williams, Bethlehem.

COLLEGE OF BUSINESS ADMINISTRATION

Candidates were presented by
Dean Nell Carothers

Bachelor of Science in

Business Administration:

Richard Henry Leeds, New York, N. Y.; Myron A. Lerner, Allentown; Stephen Bowne McElroy, Westfield, N. Y.; Michael James Pappas, Elizabeth, N. J.

COLLEGE OF ENGINEERING

Candidates were presented by
Dean Alfred Copeland Callen

Bachelor of Science in

Chemical Engineering:

Carl Paul Bauer, Short Hills, N. J.; Richard Henry Boll, Wharton, N. J.; Richard Albert Friend, Elmira, N. Y.; Herbert George Lauterbach, New York, N. Y.; Edwin Philipp Marx, River Edge, N. J.; David Francis Wells, East Orange, N. J.

Bachelor of Science in Chemistry:

Jay Richard Lee, Bethlehem.

Bachelor of Science in

Civil Engineering:

Richard Dannecker Horlacher, Allentown; Gerald Edward Walsh, Jr., Roselle, N. J.

Bachelor of Science in Electrical Engineering:

Arnold Samuel Epstein, Bethlehem; Frank Avery Hill, Easton; Ralph Rupp Lau, Harrisburg; Stanley Walter Odrzywolski, Buffalo, N. Y.; Georges Richard Potter, Larchmont, N. Y.; Frank Butler Roberts, Emmaus.

Bachelor of Science in Engineering Physics:

Ida Braham Born, Bethlehem; Aldo Nicholas Ciaffardini, Bethlehem; Ralph Aiken Evans, East Orange, N. J.

Bachelor of Science in Industrial Engineering:

Jacob Milton Ettinger, Norristown; David Leslie Keese, Scranton; Claude Orison Mesinger, Bethlehem.

Bachelor of Science in Mechanical Engineering:

Robert Williamson Cawley, Upper Mantclair, N. J.; Donald Nathaniel Curtiss, Clifton, N. J.; George Henry Kocyan, Jr., Kingston; Norman Julian Lindner, Jersey City, N. J.; John Franklin Mengel, Bethlehem; Marcy Lee Morrison, Buffalo, N. Y.; James Francis Wilson, Catsauqua.

Bachelor of Science in Metallurgical Engineering:

Alfred Copeland Callen, Jr., Bethlehem; Victor Pablo Cordero, (Ch.E., School of Engineers of Peru), Lima, Peru; Edmund Crawford Fetter, Media; Robert Stanley Miltenberger, Easton; Paul Leslie Reiber, Jr., Pittsburgh; Leland Stanford Willis, Jr., Upper Darby.

ALUMNI ASSOCIATION OF LEHIGH UNIVERSITY, INC. AND LEHIGH ALUMNI BULLETIN

(STATEMENT OF CASH OPERATIONS FROM JUNE 30, 1943 TO MAY 31, 1944)

	Association	Bulletin	Total
Cash balances June 30, 1943.....	\$ 495.55	\$ 190.10	\$ 305.45
Receipts			
Association Dues	\$ 6,313.75		\$ 6,313.75
Bulletin Subscriptions (not including \$1,280 in advance subs. applicable to 1944-45).....		\$ 5,898.55	5,898.55
Two-year Bulletin Subscriptions (col. 1942-43)....		1,200.09	1,200.09
Interest Income	921.57	94.16	1,015.73
Advertising		5,149.34	5,149.34
Bulletin Guarantee		220.50	220.50
University Rebate	2,000.00		2,000.00
Miscellaneous:			
Sale of Miscellaneous Bulletins.....		10.50	10.50
Total Receipts	\$ 9,235.32	\$ 12,573.14	\$ 21,808.46
Total June 30, 1944 balances and receipts.....	\$ 9,730.87	\$ 12,383.04	\$ 22,113.91

Expenditures

	Association	Bulletin	Total
Salaries	\$ 6,306.70	\$ 4,822.15	\$ 11,128.85
Printing	1,050.94	3,778.12	4,829.06
Mailing	819.43	194.67	1,014.10
Stationery	97.25	22.50	119.75
Telephone, Telegraph, Express.....	121.51	96.13	217.64
Travel and Entertainment.....	300.37	87.93	388.30
Engraving	71.02	1,468.94	1,539.96
Supplies	298.63	198.84	497.47
Taxes and Bank Service Charges.....	6.96		6.96
Equipment	70.31	74.19	144.50
Office Alterations	7.79	7.79	15.58
Service Newsletter	696.75	696.75	1,393.50
Miscellaneous:			
Dues	45.00	5.00	50.00
Binding	12.38	8.62	21.00
Prizes	100.00		100.00
Flowers	45.78		45.78
Other Miscellaneous Expenses	152.12	80.81	232.93
Total Expenditures	\$ 10,202.94	\$ 11,542.44	\$ 21,745.38
Cash Balances May 31, 1944.....	\$ 472.07	\$ 840.60	\$ 368.53

LEHIGH ALUMNI BULLETIN SAVINGS ACCOUNT OPERATIONS

(JULY 1, 1943 TO MAY 31, 1944)

Balance July 1, 1943.....	\$ 1,200.09
Deposits for 1944-45 Subscriptions received in advance.....	1,280.00
Interest October 1943 and April 1944.....	14.12
	\$ 2,494.21
Withdrawals	
Subscriptions received in 1942-43.....	\$ 1,200.09
	1,200.09
Balance May 31, 1944.....	\$ 1,294.12

LIFE MEMBERSHIP FUND

Total, May 31, 1943.....	\$ 40,007.11
Thirty Life Memberships.....	3,000.00
Eight Life Subscriptions	400.00
Interest (Alice Prince Taylor Bequest).....	155.11
Interest from Bank on Investment Account.....	9.83
Profit from sale of Investments.....	1,314.94
Cash Awaiting Investment (June 14, 1944).....	783.46
	\$ 45,670.45

Invested as follows:

Western Maryland 4's due 1952.....	\$ 5,000.00
Associated Gas and Electric Corp. 4's.....	5,000.00
U. S. Treasury 2½'s due 1969/64.....	5,000.00
Regd. Bell Telephone Co. of Pa. of 1976.....	5,000.00
U. S. Savings Series G.....	5,000.00
Atlantic City Railroad Co. 4's of 1951.....	5,000.00
Pennsylvania Sugar Co. 4's of 1952.....	5,000.00
45 Shares Girard Trust Company Capital Stock.....	2,070.00
United States Treasury bonds 2½'s of 1964/69.....	2,000.00
10 shares American Telephone and Telegraph.....	1,606.49
50 shares of Philadelphia Electric Co. New \$1 Div. Conv. Pref.	1,275.00
Illinois Central Railroad Company 4's due 1952.....	1,000.00
Illinois Central Railroad Company 4's due 1952.....	500.00
Illinois Central Railroad Company 4's due 1952.....	500.00
12 shares Jones and Laughlin Steel.....	835.50
U. S. Savings Bond Series G.....	100.00
Cash awaiting Investment (June 14, 1944).....	783.46
	\$ 45,670.45

And here, signed boldly (Continued from page twenty-one)

gave him a background which, when combined with his own traits of honor and sincerity, presented the world of sport with one of its most valuable members.

To all who followed the game, this is a true picture of "Okey."

To me, personally, he meant even more, if possible; close contact with him over the span of years gave me many memories of an enthusiastic sports-lover and friend, who never allowed material issues to outweigh the true spirit of the fight.

*William H. Hollenback
All-American, Penn.
National Official*

WALTER OKESON was that legendary figure we all like to think only the great game of football produces. But football only honors itself in claiming Walter Okeson as its own. For more than fifty years he has been imprinting his fine influence on the game. As player, coach, official, commissioner and Rules Committee Chairman he symbolized the game's highest and proudest ideals. But, what is more, by his cheerful, smiling, completely unselfish leadership and example he made those ideals seem real and attainable to the lesser souls who tried to follow

in his steps. Football has conferred all its honors and distinctions on Walter Okeson but every one ever privileged to know the glowing warmth and heartening inspiration of his sweet character will say the scales are still out of balance and that football's debt to its incomparable Walter Okeson can never be paid.

*A. R. Hutchens
Commissioner,
Southern and South-
eastern Conferences*

THE college athletic world lost a friend and champion when Walter Okeson died.

Walter played football when the game was young, coached and officiated football through the middle years, and then organized and standardized officiating and headed the Rules Committee during the full-grown years of the game.

No American citizen was better known, better liked, or had more knowledge of conditions in every state in the union than Okeson. Schools, colleges and universities all over the country join Lehigh in paying tribute to one of her great sons.

*W. A. Alexander
Director of Athletics
Georgia School
of Technology*

A VOLUME could be written about Walter Okeson's character, personality and understanding and yet not adequately uncover that indefinable make-up which was "Okey."

Far from his usual fields, and not generally known, perhaps, were his activities as a "gold miner." Some years ago, through the heirs of Elisha P. Wilbur, Lehigh found itself possessed of an interest in the London Mine—an enterprise which has been producing gold from the hills of Colorado since 1870. Representing Lehigh, Okey gave his versatile talents to the successful management of the Company and, for the last eight years of his life, was its president.

It was a happy association, both for him and for us. His wisdom charted a good course; his tact and fairness settled contentious problems and his very smile has compromised suits-at-law. Okey had a rare gift—an innate desire and ability to see the best in the other person's viewpoint. We can all emulate Okey and perhaps, like him, inherit the Kingdom—which he certainly has, and so richly deserved.

*Owen H. Smith
Former Vice-
President London
Mines & Milling Co.*

Okey As a Coach (Continued from page nineteen)

ALL in all, the season of 1900, with "Okey" as coach, was rated as successful. We had scored on both Princeton and Penn, had lost six games and won five, a much better record than in many of the preceding years. We lost to Penn, Princeton, Navy, Homestead Athletic Club and Lafayette twice. We won from Bucknell, Rutgers, Haverford, Swarthmore and Dickinson. We scored 79 points and our opponents scored 203 against us.

A glance at the line-up will show what a problem "Okey" had, because on the squad he had only 22 men:

Seniors	2
Juniors	6
Sophomores	4
Freshmen	10
Total.....	22

THE SQUAD

1901	
F. B. Gearhart, Capt.....	End
C. Enzian	Tackle
1902	
W. M. Person	Fullback
H. H. Shank	Tackle
W. H. Peepels	Tackle
J. N. Downey	Quarterback
W. R. Hall.....	Tackle
1903	
W. R. Bray	Guard
J. T. Fuller.....	Halfback
H. C. Avery.....	Tackle
H. F. Hinkle.....	End
1904	
A. L. Dorning	End
T. Beaghen	Guard
A. J. Farabaugh	Halfback
F. G. Burrows.....	Center
B. G. Dow.....	Quarterback
A. L. Farabaugh.....	End

J. S. Whitehead.....	Quarterback
H. P. Barnard.....	Tackle
G. Bailly.....	Guard
J. A. Flanagan.....	Guard
H. E. McCormick.....	Fullback

The team was proud of its record, but proudest of all of "Okey," because they gave him the credit that was his due. We knew that individually we weren't much, but as a team we were pretty good, and "Okey" was the man who made us a team.

Every man who played under "Okey" was glad of the privilege, and through all these years has looked back on that fall with pleasure. We recognized in him a man who was Lehigh to his very core, heart and soul. We respected him as a coach; we loved him as a man; but most of all we loved him because we regarded him as the embodiment of everything we thought a Lehigh man should be.



Now is the time to think about Molybdenum...

It is generally appreciated that the item of perishable tool costs is an important factor in manufacturing accounting. The possibility of savings offered by using molybdenum high speed steels, instead of tungsten types, is therefore worth consideration.

The savings are due first to the lower cost per pound of molybdenum steels, and second to their lower density. The latter results in more tools from an equivalent poundage.

The net savings effected naturally depend on tool performance. It is an established fact that, in a substantial majority of careful comparative tests made in the past, the performance of properly heat-treated molybdenum steels equaled, where it did not better, that of tungsten steels.

A consultation with your supplier should confirm these statements, but it would be a simple matter to check them in your own plant.

CLIMAX FURNISHES AUTHORITATIVE ENGINEERING
DATA ON MOLYBDENUM APPLICATIONS.



MOLYBDIC OXIDE, BRIQUETTED OR CANNED •
FERROMOLYBDENUM • "CALCIUM MOLYBDATE"

Climax Molybdenum Company

500 Fifth Avenue • New York City

FOLLOWING THE *Lives* OF LEHIGH MEN

Class of 1889

WILLIAM A. CORNELIUS
1889 Homestead Ave., Bethlehem, Pa.

Harris is taking a vacation this issue and asked me to take over the job for him as class correspondent. If I only had chest stripes for all these "Labors of Love" jobs I do for Lehigh—I would look like some of these service men coming back on leave from overseas.

Well, it is 55 years since the Class of '89 graduated and 59 since we entered college, and well do I remember that September day when we congregated at the main gates and Frank Dravo, swinging his long arms, gave us a "pep" talk to rush the class of '88 and get into chapel. Somehow, I got in the front between Corson and Billy Butterworth and up we went over the terrace and when we met the '88 fellows I found I was getting smothered, so pulled myself up by Bert and Billy's shoulders to get air, but my feet were off the ground and I went up the entire flight of steps to the chapel door in Old Packer without touching a step. At the top a fellow picked me up bodily to throw me downstairs over the fellows heads when Brother Jut who was then in '88 grabbed me by the foot and said, "I'll take care of that freshman" and shoved me back of a door till the battle was over. We were a motley but happy bunch as we took our places in chapel as our names were called. Little did I think 55 years ago that today my alarm would be going off at 6:00 a. m. and I would be driving to the Bethlehem Steel Co. and be punching a clock as everyone does from General Manager down.

55TH REUNION

Saturday, June 17th, dawned a typical beautiful Bethlehem June day.

Sam Berger was the first to arrive and I met him at the train a bit before 1:00 and we drove up to the Hotel Bethlehem for our lunch. We had hardly sat down before he said, "Billy, I brought this up with me. I would like to give more but it is all I can afford just now," and handed me a check for \$2,000 as a gift to Lehigh. The Directors of the Alumni Association were meeting upstairs in the '96 room so I lost no time to take the check up to turn it over to Bob Herrick and Sunnie Edwards, and later I took Berger up and he received thanks and congratulations from the bunch.

Next to drop in at lunch time was Diebitsch and the three of us held quite a reunion as Lehigh men kept dropping in for lunch.

At 5:00 my son, Bill and Mrs. Cornelius came in with Bill, Jr., and two car loads of us started out to Camel's Hump to say hello to Arch and Mrs. Johnston. When there with Arch he gave us a fine reception and plenty to more than satisfy the outer and inner man. We returned in time for our dinner at 7:00 in the Bethlehem Club, which we had in a private room. I had a good time hearing messages from the fellows who regretted not being able to be with us, and talking over old college days.

During the evening Bob Herrick phoned the good news that the Directors of the Alumni Association again, two years in succession, had voted the Class of '89 the best all around class at Lehigh on their record for the last academic year and again we will have our class recorded on the cnp.

Before we left Archie's we all stood up and sang "Auld Lang Syne" and gave the '89 cheer, "Rah! Rah! Rah; Rouge et noir We cry! We cry! '89 Lehigh!"

Class of 1890

HOWARD A. FOERING
Bethlehem Trust Bldg., Bethlehem, Pa.

This is being written about the time in June when in normal times those of us who could, would be returning to mingle with the joyous alumni, their wives, daughters, and sweethearts, who would be streaming all over Lehigh's lovely campus, renewing acquaintances and fond memories. Next year, remember boys, there is some possibility conditions may permit us to celebrate our 55th.

Nothing could have been more welcome than to have been surprised recently by a letter from Kulp, very brief, too brief, but from what he says we believe he and his family are in good health.

Sherman, good old fellow, never forgets us. A few days ago we had a letter from him. He speaks of Professor Merriman, perhaps the highest ranking man in his profession in that day, and of the great thoroughness with which he drilled his classes in the fundamentals of engineering, one of the many factors which contributed so

greatly to the success of his students in their life work and to the fame of Lehigh.

Class of 1891

WALTON FORSTALL
437 McClellan Drive, R.D. 6,
Pittsburgh, Pa.

After 44 years at Rosemont, on the main line of Pennsylvania, ten miles west of Philadelphia, your correspondent is moving to Pittsburgh, and his permanent address so far as he has a permanent address, as Florida is his habitat for five or six months, will be 437 McClellan Drive, R. D. 6, Pittsburgh.

Again there was no alumni day at Lehigh. This is a great loss especially to those of us who have qualified for the 50 Year Plus Club and have found the gatherings a very congenial meeting place.

Barnard College alumni have just handed their Alma Mater \$28,000. I do not know their number but Lehigh take notice. Never before have we so much needed interest and financial support.

Class of 1895

FRANCIS LEE CASTLEMAN
128 Rochelle Ave., Philadelphia, Pa.

As this issue of the Bulletin is dedicated to Walter R. Okeson, it is proper that this column be dedicated likewise to him and to '95's memories of him and his work.

So let us retrace our journey with him down the corridor of time by turning back the pages of memory to September, 1891, when as candidates for the Freshman Class, we come from the four corners of the world, to take the entrance examinations at Lehigh. After the examinations, we gather on the campus to compare notes, and it is here that most of us first meet Walter Okeson. He is a tall, slender youth of studious appearance, and as we find out years afterwards, the youngest man in the class, not quite sixteen, requiring a special age dispensation for admission.

We are admitted to the University and report for the opening chapel exercises. We form in a body to force our way through a group of Sophomores who try to stop us. With much pushing, breaking of hats, cracking of glass in chapel doors and trampling of the flower beds, where "Lehigh University" is spelled out in brown and white flowers, we reach the inside of the chapel and are assigned to our seats. The opening exercises, conducted in a dignified and solemn way, with Dr. Lamberton's address, duly impress us, as all such events do when men are entering upon some critical period in their lives. Our work starts, we adapt ourselves to the College pattern, we divide into groups, in accordance with living requirements, personal attractions, etc. We commence to know each other, and from that time, Walter Okeson becomes Okey to us and to gen-

NEW ABRASIVE

a "Gift" to Centerless Grinding—



AIRCRAFT
NORTON
GRINDING

Grinding jobs like this thin-wall cylinder of heat-sensitive steel are critical operations. In aircraft production tolerance limits are measured in tenths of thousandths and the steel itself must not be injured. The selection of the grinding wheel is an important matter—the selection of the abrasive and the grain size, grade, and structure.

A new abrasive recently announced has proved near perfect for grinding wheels employed in centerless grinding in the production of airplane parts because of its cool-cutting properties. It is known as 57 Alundum. It has met with so much success since its introduction in war industries, particularly aircraft, that the entire production has been frozen for this important work. Now, enlarged facilities have made 57 Alundum available for any plant that can use it. This is an important announcement, and you should not let it pass unnoticed.

NORTON COMPANY, Worcester 6, Mass.

Photo courtesy North American Aviation, Inc.

Behr-Manning, Troy, N. Y., is a Norton Division

NORTON ABRASIVES

erations of Lehigh men that are to follow. We gather for the Cane Rush where we mass around a cane with the Sophomores charging in mass formation from four sides. There ensues a general fight, many are injured, one of our men is killed. Cane rushes are officially abolished forever afterwards. Indulging in the limited activities permitted Freshmen, we complete our first year.

Sophomore year starts with reduced numbers, the scholastic mortality being heavy. We learn that anyone not already in the University will hereafter have to pay tuition and as this misses us, we begin to think that the stars in their courses are favoring us. Okey goes in strong for football and by hard work and pluck, makes the team. We are proud to be able to put our arm around the shoulders of a man who wears the magic letters.

Comes the Junior year and with various class restrictions removed, our journey is along more pleasant lines. Our activities are many and varied. Johnny Gibson writes the Alma Mater song. Okey becomes one of our star football players.

We are Seniors. We give an exhibition in class politics that shows we are learning our way around. We begin to look upon the world as ours for the asking. Graduation comes, we banquet, we make speeches, we become sentimental, we bid each other fond

farewells. From the halls that, by four years of association, have become rather sacred, we depart, with practically all of us, including Okey, starting from scratch in the hunt for a job.

There are no Alumni Bulletins for the distribution of news, we are poor correspondents but we hear by the grapevine route that Okey has gone with one of the big bridge building companies. As the building of bridges and bridges themselves, often the most beautiful structures fashioned by the hand of man, have always appealed to the imagination, we feel that Okey has made a good "first landing."

Our journey continues, our paths of activity occasionally crossing Okey's, we swap experiences. We find him at any Lehigh affair we attend and learn of his being at nearly all Lehigh affairs within his range. Time marches on. He is made New York representative of his Company. In his new location he increases his acquaintance with Alumni, and Lehigh affairs in general. If at any gathering of Lehigh men, someone wants the college songs, someone wants to discuss plans for the future Lehigh, someone wants to know what is going on back on the campus, Okey is always called on.

The Alumni Association conducted on a voluntary basis functions only in a mild way. A group of Alumni, sensing that something should be done to strengthen this organization and

through it something done for the Alma Mater, conceive the idea of a full time paid Executive Secretary, and ask Okey to take over. He has a trying decision to make. Should he give up an established position for one that, in view of the past history of Alumni Associations, might prove an uncertain one. He decides to cast his lot for life with Lehigh.

By hard work, personal appeal and an evangelical fervor, he gives the Alumni Association a new lease on life and largely through that body, under his advice and leadership, over the following years, we see developed the improved physical plant, increased endowment and a progressive development of the academic functions, all leading to what comes to be known as the "Greater Lehigh." We see a beaten track to his door; students in difficulty, Alumni, sons of Alumni, any and all who need help and advice, find their way to a welcoming presence.

The Alumni Association established on a live and working basis, he is called to duties directly connected with the University, being made Secretary and Treasurer and eventually Vice President. In this new field he still remains the fountain head of counsel and advice and down to the end we hear his strong appeal in all matters pertaining to the interests of the "Greater Lehigh."

Over the years, as we return for Alumni Day, Class Reunions, or casual visits, we grasp his welcoming hand. He appears much younger than most of us; time deals kindly with the physical man but the tragedies of life are his also, and as time moves on we see these, as with all the children of men, reflected in his general mien and his outlook on the problems of life.

And then he walks with us no more in the flesh. After the present world tragedy is over and we have returned to normal life, we hope to see on the campus dedicated to him an appropriate memorial. Until then, if one asks to see the monument of the man who had done so much for Lehigh, we shall point to the buildings that have risen on South Mountain since he returned there, as well as to those unseen physical and academic resources, in whose planning and creation, he played so prominent a part.

The '95 salutes the memory of Walter R. Okeson. May this memory be an inspiration for loyalty and devotion to their Alma Mater for generations of Lehigh men to come.

"Whereof, the man that with me trod.
This planet was of a noble type
Appearing ere the times were ripe.
That friend of mine who lives in God."

Class of 1896

WILLIAM S. AYARS

269 Leonia Ave., Leonia, N.J.

Although I have misplaced the letter, I have a feeling that this column is due or perhaps overdue, today being



"for all Returning Lehigh Men"

THE HOTEL BETHLEHEM

BETHLEHEM, PENNA.

AMERICAN HOTELS CORPORATION, N.Y.

J. LESLIE KINCAID
President



THEY FLY TOGETHER

AT HIGH ALTITUDES—six or seven miles up—oxygen and men must fly together. With oxygen, a plane's crew can live for hours at great heights.

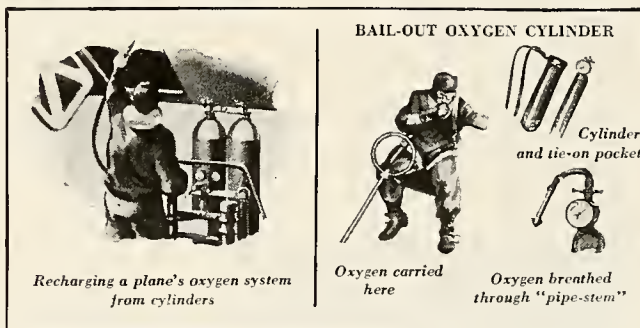
To help guarantee safety, flying oxygen must be especially dry. There must not be even so much as a tiny drop of moisture present to freeze and cut off the life-giving supply of oxygen.

Medical knowledge of oxygen was established long before high-altitude flying became so important. Through scientific research, physicians had found how much oxygen the body needs and what happens when there isn't enough. They found at what altitudes supplementary oxygen becomes necessary and how to administer it.

Co-operating with these scientists, THE LINDE AIR PRODUCTS COMPANY did much to encourage these investigations. Long before the war, this UCC Unit had so mastered the techniques of oxygen production that even its oxygen for industry met the established requirements of purity for human consumption.

Today, this medical and engineering knowledge of oxygen is giving all our fighters a better chance of coming home. Oxygen also is being used for treating pneumonia—and for shock due to wounds, burns, injuries, or following surgery.

Military and civilian physicians are invited to send for "Oxygen Therapy News" P-7, which is published periodically to make available information on significant reports in current medical literature concerning the therapeutic use of oxygen. There is no obligation.



BUY UNITED STATES WAR BONDS AND STAMPS

UNION CARBIDE AND CARBON CORPORATION

30 East 42nd Street  New York 17, N. Y.

Principal Units in the United States and their Products

ALLOYS AND METALS

Electro Metallurgical Company
Haynes Stellite Company
United States Vanadium Corporation

CHEMICALS

Carbide and Carbon Chemicals Corporation
ELECTRODES, CARBONS AND BATTERIES
National Carbon Company, Inc.

INDUSTRIAL GASES AND CARBIDE

The Linde Air Products Company
The Oxweld Railroad Service Company
The Prest-O-Lite Company, Inc.

PLASTICS

Bakelite Corporation
Plastics Division of Carbide and Carbon Chemicals Corporation

Thursday, June 15, 1944. The only information I have from the alumni office is comprised of three slips with addresses that have changed recently. But as nobody ever writes to anybody within the glum and illiterate circle of the Class of '96, I won't bother to give these addresses; what's the use?

The Back-Every-Year Club has managed, in spite of war conditions, to hold its annual dinner, with Billy Dickerman most generously and hospitably acting as host. This year we met at the Faculty Club of Columbia University, and a right pleasant time was had by all. Invitations were sent out to some 20 odd prospects. A few didn't bother even to send in the postcard enclosed with the invitation; others sent in the card with regrets, and thirteen accepted. Of these, two did not show up, but we had eleven present, including Ayars, Bernstein, H. W. Baldwin, Castleman, Dickerman, Flory, Laramay, Enscoe, Siegel, Townsend and Yates. The food was excellent and the liquor cheer was more than adequate. We met about 6:30 and broke up about 11:45.

One of those invited but who was unable to attend was Wheeler Lord, but Wheeler did have the courtesy to write me a very good and welcome letter. This read in part:

"Dear Bill:

"I have tried several times to reply to your cordial and welcome letter, and in fact wrote several rough drafts, each intended to be replete with wit and humor, which might have made you birds laugh immoderately, assuming of course, that you had been laced with giggle-water; but after all my mental struggling, things hoil down to the truth that I cannot be with you on June 8, and I am very sorry about it. So please extend my best regards to the Old Guard, and you have my best wishes for a jolly good time.

"At present my home is at Stratford Avenue and the Beach, Ventnor City, N. J., so that I am now a Jersey hicker, and so much of a native that the mosquitoes even let me alone. If you, or any others of this glorious class of '96 stray my way, be sure to drop in, as I have plenty of the cup that cheers, and also inebriates."

Your present scribe has plenty to do these days, having planted a huge and now flourishing garden. So far it has been blessedly free from most of the well-known pests, but the weeds keep me humping, as they are also pest free. Digging through a pile of unfiled letters, I have just dug up the before-mentioned lost letter from the alumni office, and I find that this column is due "on or about the 14th of June." Thus I hope I won't be too late . . . the 15th might be called "about the 14th." The three addresses I mentioned as "new" are for Joe Thurston, Ned Durham, and Springfield Baldwin. Baldwin has moved from St. Louis to Baltimore; I feel sure that he is the "movingest" man in '96, to judge from the many times I have had to revise his card in my class file. Thurston's

address is not new; it dates back to '41 or '42, and Durham has moved from Chicago to Clayton. If any of you want more specific information, I will be glad to supply it.

Last word I had from my son, now Major L. S. Ayars, M.C.U.S. Army, he was with the 94th General Hospital, "somewhere in the West of England," and complaining only of not having enough work to keep him busy. Now that the "liberation" has started, he will probably have plenty to do. This letter was several weeks enroute. If anybody feels like writing, don't do it. The mental and physical effort might be fatal.

Class of 1897

JAMES H. PENNINGTON

P. O. Box 159, Trenton, N.J.

In giving you John Sheppard's letter last month, there was no space left to mention the photographs John sent me, showing some of his grapefruit and orange trees. One picture is of John and some species of kangaroo, evidently no relation to John. The other is of John and his wife, under an orange tree. John thoughtfully captioned this picture, giving each unit its proper identity, with which I do not agree. John says, "Mrs. J. L. S. and orange tree." I would improve that by saying, "A Peach among the oranges." No reference to John.

Have a short note from John Fisher which I share with you. It seems that John has held aloof for 22 years, as far as the class is concerned. I did not realize that it has been so long. We hope that John can be around next year and meet the "best ever," before another war interferes. Here is John's letter:

"Dear Pop:

"I was very pleased to receive your letter of the 9th. It was kind of you to write me.

"Was in the Windber Hospital five days for X-Rays and other tests. Your letter was forwarded from Windber.

"Called on Erle Hannum every day. He had had a hernia operation not so long ago and the present operation was on the prostate gland. Tomorrow I return to the hospital for further observation and will see Erlé and give him your message.

"Your guess on the time we were together at Bethlehem was pretty close. The only re-union I ever attended was the 25th.

"Have been out of business for a number of years so my stock of artesian wells is entirely exhausted, sorry."

Fame, in her fickle way, has at last topped the bald spot of one of our most beloved domes, that of our own commodore, crowning him with patent No. 2,341,534, for devising, designing, and developing a rein-pull recorder, aimed at improving the morals of the racing fraternity, or at least recording

where and when during a race the jockey has, with evil and fraudulent intent, malice aforethought and general cussedness, held in his horse sufficiently for an opposing steed to beat him to the finish.

The patentee is, of course, Francis DuPont Ammen, and the device is to be applied to the horse's bridle at the bit, and is small enough to not impede the horse's progress by wind pressure. It is a complicated mechanism; and could never have been devised except by a '97 man. The patent paper requires four pages to describe the device, including several illustrations, one of which is a horse's head showing the application. What the horse thinks of it has been deleted, but he is about the maddest looking specimen of Equus Cabelus that I have ever seen.

While I wish all success to good old Ammen, and congratulate him on his ingenuity, I shall, if the use of his device becomes a requirement by law, sell my entire stable of Hambletonians, and go back to hog raising. Here is part of a poem which Ammen sent in:

"Put on your thinking cap and start inventing,

You can't tell what you'll do until you try;

The difference 'twixt you and other Edisons,

Could fit into the corner of your eye."

Class of 1899

PROF. ARTHUR W. KLEIN

43 Wall St., Bethlehem, Pa.

It was too much to expect last month's avalanche of letters from '99 men to continue. The usual dearth of class news has again set in.

A note from George Jackson, just received, contains the following: "Too bad we couldn't have had the reunion this year. Five years is a long way off." I quoted from Paul Hilken's letter last month the suggestion that we have our reunion as soon as the war is over. And while dining with Pete Steckel recently he made a similar suggestion.

Apparently a number of you have this same thought—to get together at the first convenient opportunity after the war is over. I welcome suggestions that any of you may have on the subject. Incidentally, it will make good reading for this column.

A letter from Joe Ellenbogen expressed regret that our 45-year get-together would not be held this year.

Does anyone know the present address of M. C. Benedict? My records are out of date and the alumni office has no more recent data.

Class of 1902

WILLIAM PENN SLIFER

6136 Morton St., Germantown, Pa.

After one full year of experience with this column during which time of unprecedented personal programs of all the men in our class and of all Lehigh



Who's Right?

THESE three men run three different kinds of locomotives—steam, Diesel and electric.

You don't have to be a railroad man to guess what they're arguing about.

It's all in fun, however. For deep down inside, each of these men—and every man who really *knows* railroad-ing—realizes that no one type of locomotive is better than the other two except under certain conditions and for certain specific duties.

That's why American Locomotive builds all three. We've been in the business too long to champion one type of locomotive.

We know from a hundred years of experience that only a careful study of a railroad's requirements can determine which type of power should be used.

Today, a large percentage of America's crack streamlined trains are powered by American Locomotive engines—some steam, some Diesel, some elec-

tric. Each is unsurpassed at its particular job because each was built for that particular job.



men, and in fact all of our folks, we are well on to the completion of our Lehigh fiscal year.

I can look back over this year and say that "we have done the things that we should not have done (maybe) and have not done the things that we should have done." However, what our old class has done is a source of the fullest thankfulness on my part. And I am very happy to say that I do not know just how to write of my appreciation of the help given by my classmates; and of the spontaneous response in general and the jolly good fun and fellowship experienced during these unusually serious days of a great war in which we have all gone through the testing crucible of the stuff that is in us.

As a class we now have in our possession some "material wealth" as well as spiritual and intellectual and fraternal opulence, at least to such extent as does well make a good carrying on and promises future achievement.

We plan to render a stewardship report to our classmates at the end of this year which will be the second and last report prepared for you. Much good material remains on our records for which we have no space allotment at this season. I will try to come across straight from the shoulder, pulling no punches, however, and I do claim the right, as one of many classmates, whose love and respect for this old class grows on, to again express my appreciation and thanks.

Class of 1904

J. LYNFORD BEAVER
402 High St., Bethlehem, Pa.

Forty or fifty of you boys missed a good time. Sixteen of us were there as follows: Mack, the Farabaugh twins, Bloss, Lueders, Clander, Pelly, Edelen, Mussina, Barnard, Sinn, Hartzog, Brandes, Edmonds, Brillhart, and Beaver. Brillhart instigated the idea by telling us he was coming to New York, with expenses paid, to some steel convention. Lew Farabaugh thought it was a good way to get money for the class and, incidentally, it worked just that way.

We began to assemble in the afternoon at the Hotel Bethlehem. We then went to Lew Farabaugh's for ginger ale and "cokes" and at 7:00 we assembled in room 401 at the Hotel Bethlehem. I think it was a capon dinner. Lew Farabaugh was toastmaster. Each one of us had two minutes to talk. Charley Lueders frequently interrupted the toastmaster and Clander continually interrupted the speakers. It was the first banquet I ever attended in which the toastmaster used up 35 minutes and the total length of the 16 speeches was 32 minutes. At the banquet, Borowsky, who was absent, and Mack, who was present, acted as hosts and we had some more ginger ale and "cokes." Edwards, '13, the President of the Class Agents, made a plea for funds and at 1:15 we decorously and quietly dispersed.

Cleveland and Hutchinson were unavoidably absent but we think it was well worth the effort. The class of '89 was the only other class to have a reunion and we will hope five years from now to have 50 back for a real after the war get-together.

Class of 1907

JOHN B. CARLOCK
Apt. No. 1, D'Arlington Apartments,
Cor. Bayard and Neville Sts.,
Pittsburgh 13, Pa.

In May I sent out a letter to the class in which I hinted news of the members would be acceptable. As a result I have been "flooded" with mail. Letters from Gordon Kent and Ralph Gilmore and returned letters marked, "Not at this address" for H. L. Baldwin, R. A. Mercer, E. F. Shaffer and J. T. Waddill.

In addition, one addressed to Harry Anders came back marked, "Deceased." I wrote the coroner at Cheyenne, Wy., and have just received word that Harry passed away, April 3rd, from lobar pneumonia. He was buried in Cheyenne.

Ralph Gilmore has gone into politics and is Mayor of the City of Colorado Springs, Col. He writes, "Mayhap by the time another reunion comes up I'll be ready to participate. Present commitments, including the office above noted in letter head, keep me employed time and half. However, said office carries only honor, no stipend, which keeps the wolf near my academic doors. Time has been kind in one respect, my two daughters are now self-sustaining instead of drainage on 'Ye olde family income.' One is supervisor of Obstetrics and instructor in Nursing at Colorado University. The other is a Wave at Moffett Field, Calif. Otherwise, I continue the old professional game, punctuated with appearances at the Rabbitt Growers Ass'n., Poetry Fellowship and diverse civic functions, which drain the old energy but must be politticated."

Gordon Kent agrees we should have a real reunion after the war. Says he hasn't seen a member of our class in a long time. "Our business has been much hampered by the various regulations." I think he will find quite a few indorsers of that statement.

If any of you know the present whereabouts of the four "lost souls" listed above, please advise me or the alumni office.

Class of 1908

GEORGE R. BROTHERS
Room 203, Union Bank Bldg.,
Bethlehem, Pa.

It has been three months since Sandy relinquished the job of Class Agent. In that time one communication has been received from members of the class. It is believed you subscribe to the *Bulletin* in order to get news of Lehigh and of our classmates. It is regretted that the reporters of the class have fallen down on the job and failed

to produce news for this issue. Your CC will endeavor to obtain some interesting news items in time for the October issue. In the meantime a pleasant summer to all.

Class of 1909

PARKE B. FRAIM
5308 Central Ave., Ocean City, N. J.

"Al" Bellis reports attending a Central New Jersey Lehigh dinner recently where he listened to Dean Congdon on Lehigh's Past, Present and Future. "Al" reports the gist of the talk this way: "The past we know something about, the present rather hopeful for survival if help is forthcoming, and the future looks like bank loan on a mortgage if this damn war does not end soon or there is found a mid-year Santa Claus." He says he is working at the same place along the same lines and busy as h—.

"Bill" Dey is supporting the War Effort a-la-railroad trying to meet the demands of the government in transporting men and materials. His job is to maintain and build bridges, buildings and miscellaneous facilities for the Penna. Railroad. The Dey's two sons are in the Air Corps.

"Slick" Wharton reports same address, 4613 College Ave., College Park, Md., same business, N. S. District Engineer Office of War Department. "Slick" attended a recent Washington-Lehigh Dinner where he met a number of 1908 men but no naught-niners.

"Les" Carrier has also joined the Grand-fathers Club on March 12 when Lester, Jr., and Lucille presented the Carriers with Christina Lou, 7 lbs. 10½ ozs. of the cutest femininity we have ever seen. Now I ask you, don't that sound like "Les." He says, of course, we are prejudiced. He has started his victory garden again. Labor gets scarcer in Covington as the days pass and they are using women to replace men and as is the case everywhere absenteeism is terrific.

R. P. Heller reports from Barnhart Orchards, Route 5, Cenaton, Illinois. My card not only recalled Jim Meyers and Prof. Lambert to mind but also "Emil Gelhaar the crusty and able free hand drawing artist" who tried to teach us sketching. He reminds me you could always slip in the side door of the chapel but as I remember it was useless when "Hank" Ketcham was monitor.

Gurney H. Dayett tells me a group, rather few in number, of Lehigh men have luncheon every Monday at the Engineers Club of Baltimore and adds that visitors are always welcome. "Gurney" plans to get back for the Post-War Reunion.

"Ray" Cliver is still doing business at the old stand (du Ponts) in Niagara Falls. He expects one of his boys to enter the Army shortly.

"Ray" Wolfe has just returned from a salmon fishing trip to Canada. He has one son and a son-in-law in the service and he is a member of their Industrial Advisory Committee of W.

Meet Ev Jackson

You'd probably like knowing Everett C. Jackson. He was born in Illinois and now lives in Baltimore. He's thirty-four and married, and he holds a job at Bethlehem's ship-repair yard on Key Highway in Baltimore.

Soon after Pearl Harbor, Everett Jackson left the yard to join the Army. A first-aid man in the Medical Corps, he survived the sinking of the troopship on which he was bound for Guadalcanal, and later took part in the invasion of Rendova and New Georgia.

He served on New Georgia for twenty-seven days, under continuous bombing and strafing, and finally was badly wounded. After that, there were months in hospitals, then the Purple Heart and a medical discharge. Then the return to civilian life—and his old job with Bethlehem.

"Working here," says Everett Jackson, "is the next best thing to being out there fighting. I know they need the ships that I'm helping to repair at Key Highway. I only wish more people could understand how real that need is."



★ ★ ★

Like Everett Jackson, other veterans of World War II are joining, or rejoining, the Bethlehem production army in steady numbers. Over 11,000 ex-service men, nearly half of them former Bethlehem employees, have been employed by us in steel-making, in ordnance production, and in building and repairing ships.

To their jobs these veterans are bringing great resources of willing-

ness, efficiency, and adaptability—and a marked desire to be treated by the same standards that apply to other civilians. Some of them are moving ahead to added responsibilities—to higher-skilled work or supervisory duties.

Their service in the armed forces is over. But they are heartened by realizing that through their jobs in steel plant or shipyard they are still helping directly to bring the war to an early and victorious end.

★ ★



★ ★

WORLD'S LARGEST SHIPBUILDER

SECOND LARGEST STEEL PRODUCER

Shipbuilding and Ship Repair Yards . . . Quincy, Hingham, East Boston, Mass. . . . Staten Island, Brooklyn, N. Y. . . . Hoboken, N. J. . . . Baltimore, Sparrows Point, Md. . . . San Francisco, Alameda, San Pedro, Calif. Steel, Manufacturing and Fabricating Plants . . . Bethlehem, Steelton, Williamsport, Johnstown, Lebanon, Pottstown, Rankin, Leetsdale, Pa. . . . Bayonne, N. J. . . . Buffalo, Lackawanna, N. Y. . . . Sparrows Point, Md. . . . Chicago, Ill. . . . Tulsa, Okla. . . . South San Francisco, Los Angeles, Alameda, Calif. . . . Seattle, Wash.

P. A. If there is a reunion he hopes to be there.

E. M. Mervine recently resigned his federal job and accepted an appointment with Colorado State College. His work is practically the same as before which was the development of farm machinery. "Ernie's" title is the same as before, that of Agricultural Engineer. About the only difference is that he does not have to travel as much and that is something these days.

Charles M. Eckert sends his regards to all his classmates and particularly to the rest of the El. Met. Quintet: Toy, Schenck, Medlar and Shaw. He is on the way to 24 years of service as a Casualty Underwriter for the Hartford Accident Indemnity Co. Charles has just celebrated the third anniversary of his second marriage. Mary and he visited Lehigh on their honeymoon trip and he reports Mary as much impressed with Lehigh.

J. C. Stoddard claims nothing much has happened since his last report. His boy is somewhere in England in the Anti-Aircraft Coast Artillery and his daughter is the wife of a Navy Lieutenant in Submarine Service. "Cy" will be glad to see any of us who come Washington way. His address is 107 Locust Ave., Bethesda 14, Md.

Harold G. Harvey says nothing new, am still with the War Production Board, now located in Empire State Building.

"Al" Osbourne says 100 per cent war work for himself and that all the male offspring of the family are in service. Edmund D. Osbourne, '40, Lt. (j.g.) U. S. N. R., an officer in the Merchant Marine in foreign service aboard a tanker since February 1942. Alvan D. Osbourne, '38, Ens. U. S. C. G., since September 15, 1943, is in this country to date. Son-in-law, R. Grant Johnson,

'40, son of "Kink" Johnson, '04, Ens. U. S. N. R., a Seabee now in the South Pacific has been in service since February, 1943. "Al" had a card from H. H. (Miner) Hasler from Cresson, Pa., where he is still an important miner.

S. R. Young has been appointed Assistant General Manager of Atlanta and West Point Railroad Co., The Western Railway of Alabama, and Georgia Railroad with headquarters in Atlanta, Ga. His son Sam is a Major in the Air Corps and his younger son just attended Midshipman School in Notre Dame, Ind., where he received his commission as an Ensign in May. "Sam" extends a cordial invitation to look him up if you are in Atlanta.

"Alex" Small will only concede that he is 6 pounds heavier than college days. "Alex" never was a featherweight. He has just returned to work after four weeks lay off for an operation and he contracted the flu in January and February. "Alex" will certainly have to buck up or the California Chamber of Commerce will request him to leave because his health record is not a credit to that ever present sunshine they advertise.

As to myself I confessed I was over fifty and the 170 pound Lehigh Senior has gone to a 210 Assistant Professor of Physics at Polytechnic Institute of Brooklyn where I have been since leaving the Physics Dept. at Lehigh. Many of you fellows knew my mother and have often sent messages to her so I think you would want to know that after eighty years and seventeen days of a very full life she was called home on October 22, 1943.

Sidney Hechinger was late because he was out of town when my postal arrived. He reports one son, age 24, 1st Lt. Air Corps, somewhere overseas

and a daughter a freshman at Smith College. "Sid" repeats his invitation to all classmates when in Washington to call 1400 in order that he may act as their host for a while at least. This last condition protects "Sid" from having us camp for an indefinite time when in the city where there is "Standing Room Only." I know that Rae Wolfe has called Hechinger and reports having a wonderful time.

Floyd C. Flory reports he is still sawing wood as a school principal of the Myrtle Avenue Junior High School in Irvington, N. J., and also playing dirt farmer week ends and summers along R. D. No. 3, Nazareth, Pa.

John L. Dynan has been in Hernites, Calif., since last July. John is Superintendent of Mt. Gaines Mining Co. He and his wife, who is with him at the mine, have just had a pleasant six weeks' visit from their son's wife. Their son is at Yale University taking a course to prepare him as an Air Corps Armament Officer.

Jim Conklin, the Florida booster, continues to boost even though the fruit is about over as well as the way-side flowers. They need rain and are kept close to home on account of car running difficulties. Jim says there is good hunting and fishing near by and admits putting in some pleasant hours in these pursuits. The Conklins were disappointed in not being able to go to Texas to see their son get his "Navigator Wings." Jim says he may get to see all of us some day but in the meantime urges us to bring a buddy and visit him in Orlando.

Class of 1913

EARLE F. WEAVER

c/o Pennsylvania Power & Light Co.
Cedar and Buttonwood Sts., Hazleton, Pa.

Just about the time that the monthly letter from the Alumni Bulletin Office arrived to remind me of the fact that copy would shortly be due for this issue, a letter arrived from L. T. Mart, advising that he had recently been on the West Coast and while there managed to locate three of the boys of our class and tried to contact a fourth but failed to make the grade in this latter case. Leon first contacted "Bunny" Ackery, who is still with Oliver United Filters Co. in Oakland, Calif. Mart stated that he and "Bunny" had a nice telephone conversation but due to limitations, time, gasoline, etc., they could not get together. The war has kept "Bunny" very busy and his children are actively in the service.

Mart's next contact was lunch with Joe Clarke, who is reported to be looking fine, taking good care of himself and in fact he has succeeded in taking off a little weight. Joe has two garages which keep him very busy. His address is 1961 Clay Street, San Francisco, Calif.

Mart was also able to see Bud Schmidt, about whom he states, "I spent a pleasant two hours with Bud Schmidt who lives in Pasadena and his

"Used by hundreds of nationally known industrial plants throughout this country and Canada"

INDICATORS



QUENCHERS

The only special equipment ever commercially developed for detecting and overcoming spontaneous combustion in bituminous coal storage.

Manufactured and Sold Only by

COAL SPECIALTIES COMPANY — ARTHUR T. WARD, '13

50 Church Street, New York 7, New York
CABLE ADDRESS—"EQUIPPER NEW YORK"

From Fields of Gold



To Feed A Hungry World

As our armed forces advance on many battlefronts throughout the world it becomes our humanitarian duty as well as a matter of military necessity to feed the peoples we liberate.

From time immemorial the harvest has been the victory of all men's labor. Tilling, planting and cultivating are in vain if the HARVEST is not made. In America more progress has been made in harvesting methods in the last 100 years than in all the ages before. Minneapolis-Moline is proud that it and MM Dealers have made a genuine contribution to the progress of harvesting methods and harvesting machines.

Now, of course, direct war needs must be met first, and from the MM plants flows an unending stream of war material including several models of the original Jeep. But Minneapolis-Moline is also making all the tractors and farm machines allowed under limitation orders for which materials can be obtained. These MM products are being sent to MM Dealers in all parts of the country where they are needed most, to aid the American farmer in making his great contribution to Victory . . . to reinforce him in his fight against human suffering . . . FOOD FIGHTS FOR FREEDOM . . . Care for Your Customers' Farm Machinery for Your Country . . . INVEST IN WAR BONDS AND KEEP 'EM.



UNIVERSAL "R" and "SR" HARVESTER with SACKING ATTACHMENT. NOTE TREES PLANTED AND CROPS PUT IN TO PREVENT EROSION.



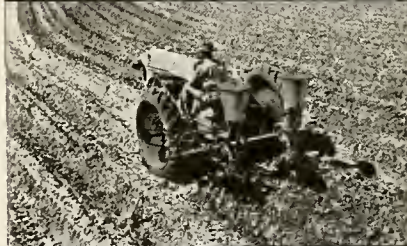
UNIVERSAL "E" and 12 ft. HARVESTER GETTING IN A bumper crop on time. Trees planted and land worked to preserve producing power all fall.



UNIVERSAL "E" with col. and "SR" HARVESTER WITH PICK-UP—note well planted fields, trees and grassland to save its top soil for more and more crops to come.



UNIVERSAL "U" and 4 row border making harrow following the contour of the land to prevent damaging sprouts from winter and winter.



Lister planting on contour with Universal "R" and 3 row Quick-off combination MM Lister plow and planter.



UNIVERSAL "U" and 4 row Quick-off combination harrow, Lister and Duchess Five's type planter—Note the planter following the contour of the R-10.

MINNEAPOLIS-MOLINE POWER IMPLEMENT COMPANY

MINNEAPOLIS 1, MINNESOTA, U. S. A.

home address is 1196 Arden Road. Bud's classmates certainly would not recognize him because while in school he weighed about 220 pounds and he is now trimmed down to 180, and is as fine appearing and well preserved as any man I have seen for his age. He certainly knows how to take care of himself."

L. T. tried to call H. W. Tice while in Los Angeles but was unable to reach him. Incidentally, "Nut" Tice was recently elected president of the Southern California Lehigh Club. Although his election was mentioned in the April issue of the *Bulletin*, some of you may have missed it at that time and, hence, it bears repeating, as one more president has been chalked up to '13.

Mart closed his letter to me with the following paragraph, which applies to all of us: "Here's hoping the war don't have you down yet, but it seems to be a rather hard drag on all of us and I will be glad when it is over."

As you will note from the above, Mart never forgets to look up a classmate whenever he gets into or near the locale of any of them. Swell going Leon, keep it up and continue to keep us posted.

The Alumni Office advises that A. L. O'Brien is now with the American Brass Co., L-C Building, Waterbury, Conn.

That's all for this time.

Class of 1915

LINWOOD H. GEYER

Room 1265, 11 Broadway, New York

Word has reached us that Col. W. G. Ingram now has his headquarters at Fort Tilden, New York. Why not look us up, Colonel, certainly you get down to the city once in a while?

Major Perry M. Teeple, Anti-aircraft Artillery, 1915 Lehigh (C.E.), has returned, with Mrs. Teeple, from Texas to their home in Jacksonville, Fla. Major Teeple is on terminal leave from the Army (May-June) and is an engineer connected with the firm of Smith-Gillespie, Architect - Engineers, on municipal engineering studies and projects.

Major and Mrs. Teeple state that their elder son, 2nd Lt. Robert P. Teeple, was reported in April as having been missing in action since March 10th in the Mediterranean area. Robert was a hot fighter pilot, and it is hoped he will show up eventually.

A younger son, A/C Lawrence H. Teeple, is still in flying school in Texas. He is due to get his wings this summer as a Navigator. Looks like all Air Corps sons, Perry, ole bean.

If everybody else in this class was as consistent as Perry in keeping us informed as to what is going on, we could make this the most interesting and newsy column in the *Bulletin*. Remember, the column is for you, and if

you want to make it work, you have to make a contribution once in a while.

Let's have the news on what you are doing, and if you are not famous for any other reason than that of having sons and daughters in the Service, remember that such is the news in which we are interested. I know, because I have a couple of youngsters mixed up in it.

Class of 1916

FREDERIC L. HORINE

149 East 6th Ave., Roselle, N.J.

Everyone at home must be spending his "spare" time dusting the beans because news here at headquarters is very scanty.

The alumni office and I can't agree temporarily upon L. E. Grumbach's class, but meanwhile I report that his address is Veterans Hospital, Northampton, Mass. Wish someone would tell me whether Louis is a patient or is there in the more happy capacity of helping the patients.

Jake Reitzel cheered up this compositor with a letter and we quote some excerpts below:

"Dear Fred:

"Reading A. S. Konselman's letter in the April issue of the *Alumni Bulletin*, reminded me that maybe I, too, am one of those who have fallen by the way-side, as far as Lehigh is concerned.

"I've been operating my own busi-

AISI **HY-TEN** SAE
NE

ALLOY STEELS FOR VICTORY

Scientifically selected to conserve critical alloys and meet the requirements of the AIRCRAFT, ORDNANCE, and MACHINE TOOL industries.

Complete "EARMARKED" stocks of Aircraft alloy steels at Buffalo and Detroit.

□

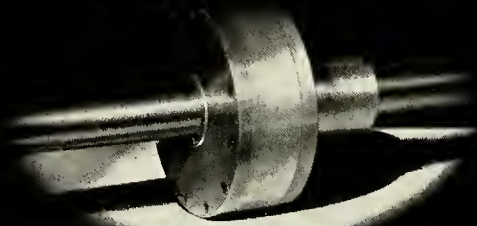
WHELOCK, LOVEJOY & CO., INC.

138 Sidney Street
CAMBRIDGE, MASS.

Cleveland 14, Chicago 23, Newark 5, Buffalo 10,
Cincinnati 32, Cambridge 39, Detroit 3

THE HILLIARD

Over-Running Clutch



A "Free Wheeling" Clutch of simple design recognized for many years as "Standard Equipment" for Automatic Dual Drive Operation—Automatic operation of 2 speed drive—As a ratchet permitting infinite adjustment and as an automatic backstop. Furnished in a number of types.

THE
**HILLIARD
CORPORATION**

134 W. Fourth St.
ELMIRA, N. Y.

E. A. MOOERS '18, VICE PRES. & GEN. MGR

★ **WRITE TO-DAY!**

Giving full particulars of your requirements. Hilliard Engineers will tell you how to adapt this clutch to your needs.

CENTRIFUGAL ... SINGLE REVOLUTION ... FRICTION

ness now for the past nine years and while the going was rather tough at the start, things now are all honky-dorey.

"The firebrick materials we handle are manufactured by a Lehigh man, W. A. France, '20, and one of my outside men attended Lehigh, L. F. McGowan, so in a way I am keeping close to the old Alma Mater.

"In addition to the firebrick and insulation business, we do some consulting work so we are kept a bit more than just 'quite busy.'

"Am still living in the good town of Maplewood at 566 Ridgewood Road with all taxes paid up to date."

Class of 1917

WAYNE H. CARTER

735 Huntington Ave., Plainfield, N.J.

From the alumni office comes word that Comdr. H. R. Merwarth has been transferred to the U. S. Naval Hospital, Oakland, Calif. I'll bet it will not be long before some of those '17ers in California will be looking you over, Zibby. I would like to be with you. That's a fine body of men.

John U. Zimmerman, Bureau of Yards and Docks, Washington, D. C., lives at 4644-31st Road, Farlington, Arlington County, Va. This sounds like a gentleman farmer to me. No colonel?

Dutch Knoss and I do it the hard way. We hadn't seen each other for months, though we live in the same town. On June 6th we had dinner together in Pittsburgh, where both of us had gone on business. Dutch is with Calco Chemical Division, American Cyanamid Co., Bound Brook, N. J.

How about that check to Sam Fishburn? Get it on the beam, gang! Lehigh needs support!

Class of 1921

LEROY F. CHRISTMAN

101 Endlich Ave., Mt. Penn, Reading, Pa.

All my news this time comes from Bob Billinger who was in again, out again, gone again as editor of the *Bulletin* but always there supplying the news.

Here's a letter from Sam Kauffman to Bob:

"Dear Bob:

"For sometime now I have been wanting to write you, but like everything else, one just never gets to do the things one should.

"So you want to know about my Navy career, well here goes:

"On November 9, 1942, I reported for duty at the U. S. Naval Hospital, N. O. B., Norfolk, Va. I was put in charge of all dermatology and syphilology. It was a grand duty and I enjoyed it tremendously. I had my wife and two children down there with me so living conditions were very pleasant.

"On December 6, 1943, I was detached from down there with orders to proceed to San Francisco and await the first available news of transporta-



BETHLEHEM

"WEDGE" ROASTERS

—have found a highly useful place in many process pictures, turning hitherto worthless residues into profitable by-products.

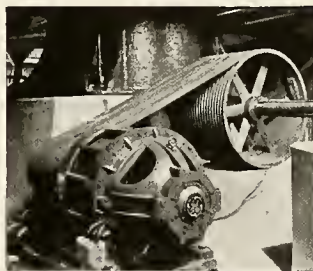
For instance, the Bethlehem Roaster shown at the left (photographed during erection) amortized itself in ten months on the job.

Whatever your manufacturing process and waste problem—benefit from the specialized engineering skill that Bethlehem offers.

BETHLEHEM FOUNDRY & MACHINE CO.

BETHLEHEM, PA.

T. B. WOOD'S SONS CO. Chambersburg, Pa.



V-Belt Drives Flat Belt Drives
Flexible Couplings Clutches
Pulleys . . . Rigid Couplings . . . Bearings

CHAS. O. WOOD, '92

G. H. WOOD, '99



STRUCTURAL STEEL

FOR

BRIDGES, BUILDINGS, ETC.

ENGINEERS AND
MANUFACTURERS

CHARLES McGONIGLE, '01 - OTHO POOLE

POOLE & McGONIGLE

PORTLAND, OREGON

BRIDGE and BUILDING ERECTION

STEEL CONTRACTORS

Incorporated 1911

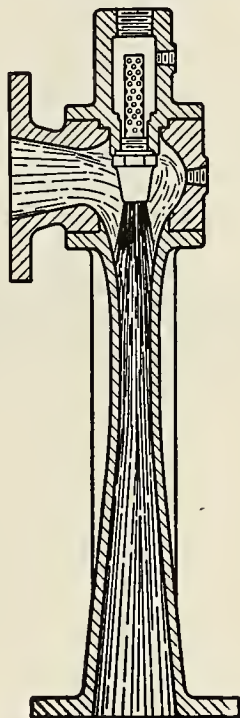
OTHO POOLE

CHARLES McGONIGLE, '01

POOLE-DEAN COMPANY

PORTLAND, OREGON

STEAM JET EVACTORS



AIDING NATIONAL DEFENSE

Numerous Cross-Reynolds Evactors are working overtime maintaining high vacuum in plants making explosives, synthetic rubber, airplane lubricants and a long list of other ordnance materials. They are maintaining high vacuum on engines and turbines of dozens of American ships sailing the seven seas.

While the large and special units require up to three months or more for fabrication the smaller ones are sometimes made in two weeks, or less, when the demand is urgent. These include single and multi-stage units for vacuum up to a small fraction of 1 mm. absolute, also small condensers and vacuum chilling equipment.

A recent development is a vacuum-cooled condenser for maintaining condensing temperatures down to 34° F. Inquiries will be handled as promptly as possible under the circumstances.

CROLL-REYNOLDS COMPANY

17 John St. 20 N. Wacker Drive
New York Chicago

S. W. CROLL, '10

tion to Pearl Harbor. Before coming out here, I had two weeks delayed orders so took my family to Wilkes-Barre and resettled them there.

"I reached the coast here on December 24th and upon reporting learned that my overseas orders were canceled and that I was to report for duty at the shore station. At first I was terribly chagrined, however, since being here feel that I have gotten a swell break. I now have my family out here with me, so again am leading a rather normal life. We have a very nice home in Berkeley, which is just 10 miles from my work and right near the campus of the University of California. My youngsters (ages 5 and 7) are in school and are just thriving out here.

"My present duty is at a Receiving Ship which means that we get all the men coming or going out on ships. My official title here is Venereal Disease Control Officer and am doing practically the same work as I did in Norfolk. This station is located on what was known as Goat Island but now officially designated as Yerpo Buena. It is a beautiful island situated in the middle of San Francisco Bay half way between San Francisco and Oakland, taking about 5 minutes to either place. San Francisco itself is a beautiful city, very cosmopolitan and has beautiful surrounding country. The weather here is ideal, warm during the day, and cold as hell at night. We do get a lot of fog at times but the sun usually comes out. Do I sound like a member of the Chamber of Commerce?

"I enjoy reading 'Lehigh Passes in Review.' Sorry to learn that good old 'Brick' Wilson is in the hands of the Japanese. That certainly is a tough break and I sincerely hope that everything will turn out OK.

"Well, Bob, this letter is longer than I anticipated writing, however, am glad that I have done it. Give my best to anyone that I may know around there and best of luck to you."

Sam's current address is: Lt. Comdr. Samuel R. Kaufman, Receiving Ship, Goat Island, San Francisco, Calif.

Bob also reports that Mrs. "Brick" Wilson, who is still living in Columbus, Ga., and working in an office at Fort Benning, was in to visit the Billings on Sunday evening with son Alvin, and daughter Jane. Alvin is still on the campus and trying to get a West Point appointment in accordance with his father's wishes. Jane prepared at the University of Alabama with summer school work at Lehigh, and is beginning training at McGill University in Montreal this summer. We wish them all the best of everything, including the return of "Brick" from Japanese prison camp.

Class of 1922

GEORGE F. A. STUTZ

422 Edgemont Ave., Palmerton, Pa.

I have just received a six-page letter from Chubby Satterthwait who is

still in the Aleutians and is a Captain in the Engineer Corps. You will recall that Chub has given us several letters including excellent accounts of his work and experiences in Alaska. He reports that they have been working steadily seven days a week and holidays since going into that area. A recent change giving him an occasional Sunday off has permitted him to catch up on correspondence. Chub is convinced that G. I. Joe is the hardest working man there is. Chub comments particularly, "Only the grit and determination of the American soldiers could have accomplished what has been done in this area in so short a time . . . We hear that there have been 5000-6000 strikes since Pearl Harbor—that is a record to make all decent Americans hang their heads in shame. Some day I'll tell you what it meant to us. Believe me, we hate strikers just as intensely as we hate the enemy." Chub's youngest boy is a volunteer ambulance driver in the Army Field Service and has received two decorations for valor in action. He is a fine looking boy and Chubby is justly proud of him. He left his third year at Cornell to get into the fight.

Chub is also proud of the fact that he is now a grandfather as of April 14, 1944. He wants to know if he can claim the distinction of being the first grandfather in the Class and emphasizes that it is a grandson. He says that he is the first grand-dad among the officers of his regiment.

I think that Chubby would appreciate a letter from any of you who can find time to write him. His address is available either through me or the Bethlehem office. I am sure that he has the good wishes of all of us.

Had a note from Lee Barthold who is back in Bethlehem after a six-month stay in California last year. He reports that Jack Külmer is back from Washington; a report which I am glad to have since it means that Jack will be in a position to resume his duties as Class Agent.

Sam Cottrell was recently reported to have been made Assistant Plant Manager of the Illinois Plant of Monsanto Chemical. Sam's progress with Monsanto has been excellent since he joined the organization in July 1929 as Assistant Supervisor in Chlorine and Intermediate Departments. He was first promoted to Supervisor of the Chlorine Plant, then to Assistant Manufacturing Superintendent, then to Manufacturing Superintendent in Organic Chemicals, and now Assistant Plant Manager of the Monsanto, Illinois Plant.

Howard Bunn, B.A., '20, and Ch.E., '22, was recently made Vice President of Carbide & Carbon. I saw Howard in his office the other day. He assured me that he was just a plain Vice President with no fancy fixings. He also told me that another '22 man, Bob Lerch, has just been made Vice President of Haynes-Stellite. Will try to get some more information on this.

Class of 1927**MAJOR HARRY O. NUTTING, JR.***c/o Postmaster, San Francisco, Calif.*

"My dear Johnny:

"Just a brief note from somewhere in New Guinea to encourage you to drop me a line. Here's the local news: hot, rainy and the jungles are stinking and steamy; living conditions are tough; have already discarded underwear and socks, however, each night just to keep in touch, I bathe in a stream, shave, fresh linen and sit down to a meal from cans; many have already gone native!

"My trip out here was grand on a large fast ship. My majority afforded me the best of quarters. Gee, I pity the troops so crowded and hot. My first thing if and when I return will be a big milk shake, then a hamburger.

"Give my very best to Marge. How are the kids? I miss dear Marion and mine so much; it's hard to realize I'm so far away. How the devil can I keep up a class column here?

"Sincerely,
Bud."

The above letter dated April 27th came via V-mail to the writer (John M. Blackmar, '29) on May 25th. I am sure Bud's classmates will be interested in reading it so I am taking the liberty of sending it in to the editor together with the following paragraphs

—so that the space usually reserved for the illustrious class of 1927 will not be vacant another successive month. Nutting is one correspondent who rarely misses the deadline—perhaps you fellows take your column for granted and do not fully appreciate what a stellar class correspondent you happen to have.

Nutting Ace Contributor

You men may be interested in the results of a survey I made recently. A review of back numbers of the *Alumni Bulletin* disclosed the fact that for the three years, '40-'41, '41-'42, '42-'43, Harry Nutting was the leading contributor among six contemporaries. During these three years he wrote 25 class letters. The record of the other class correspondents follows: '26-18; '28-13; '29-23; '30-12; '31-9.

Moreover, Bud was batting 100% for the first five months of '43-'44, through the March issue, prior to his being assigned an APO address. When it is taken into consideration that this man has been in uniform for three years, has been transferred from Army post to post, while all the other correspondents (except Lt. Col. Bob Harris, '31) are still civilians, his record is all the more praiseworthy and reflects his deep loyalty to '27 and Lehigh. I trust that President Flivver Ford, Bob Harrier, Charlie Zug, Irv Miles, Dick Castor, Jack Cox, Ced Smith, Ben Ames, Dick Sickler and other O.D.K. and Phi Delt Epsilon members will volunteer

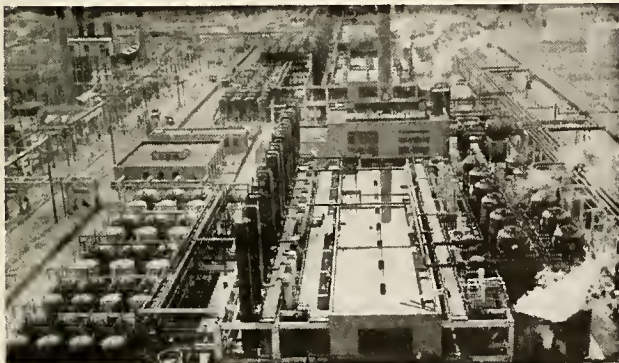
for the duration and take turns pinch-hitting as guest correspondents for the major while he is overseas. I'll bet odds that Bud really would appreciate receiving just one letter now from each of his 44 *Bulletin* subscribers.

Class of 1929**JOHN M. BLACKMAR***Tall Oaks, Summit, N.J.*

The names of two more classmates who have joined the Naval Reserve are presented in this issue. Adding **Ralph Ward** and **Jim Sprecher** to our Honor Roll brings our present known total men in uniform to 53.

When I learned last winter through a mutual friend that Ralph had left his post as buyer with the Scranton department store, The Globe, I wrote him. A prompt reply dated January 28th disclosed that he has been married since July 1, 1932, but has no children, that he entered the Navy March 29, 1943, and went to indoctrination school at Fort Schuyler, Long Island, N. Y. Following attendance at communications school at Noroton, Conn., Ward reported to the District Communication Office of the Fourth Naval District at Philadelphia. Two weeks ago your correspondent received the following V-mail letter written April 27th:

"Lt. (j.g.) R. E. Ward, Jr., NSNR
FPO, San Francisco, Calif.

**RUST**

ENGINEERING DESIGN . . . and CONSTRUCTION

- COMPLETE INDUSTRIAL PLANTS
- CONCRETE BINS AND SILOS
- BRICK AND CONCRETE CHIMNEYS
- INDUSTRIAL FURNACES
- MATERIAL HANDLING SYSTEMS

THE RUST ENGINEERING COMPANY**PITTSBURGH****NEW YORK****WASHINGTON****BIRMINGHAM**

C. G. Thornburgh,	'09
P. F. Campbell,	'24
G. M. Rust,	'31
A. G. Rohrs,	'32
S. M. Rust, Jr.,	'34
W. F. Rust, Jr.,	'36
R. H. Wagoner,	'36

"To keep your records straight, above is my new address. Left Philadelphia in February. Am stationed in Australia but am up in New Guinea on some temporary duty. Glad I am out here because now I know that when new officers come out, some of the ones who have been out here long enough can get back. Thanks for the list of addresses. Will be on the lookout for Bruce Morrison."

For several months I have known that Jim Sprecher is in uniform but it took two postcards to get the following interesting facts together about this chap who has not enjoyed much publicity in this column. In fact, I don't recall even having reported that Jim married Grace Sinwell, a sister of Paul Sinwell, '27, and this event took place October 2, 1937.

Sprecher, who was awarded a B.S. in electrical engineering, has been a full-fledged Lieutenant in the Navy since April 1st and is at present personnel officer of the Naval Training School at M.I.T. In the 15 years that have elapsed since graduation Jim has had a varied experience. First he worked two and a half years for the A. T. & T. During the depression he was with the WPA and CWA and then landed a job as electrician with Beth-

lehem Steel. Next he became a meter tester (to learn the business from the ground up) for the Metropolitan-Edison Co. in Easton and in succession did rural line work, field engineering, staff engineering, personnel work. Although having no offspring he was deferred by the draft board because he was a sub-station design engineer; however, during 1942 Jim applied for both Army and Navy commissions. At this point I shall quote a few sentences from his recent letter which summarize his career in the service:

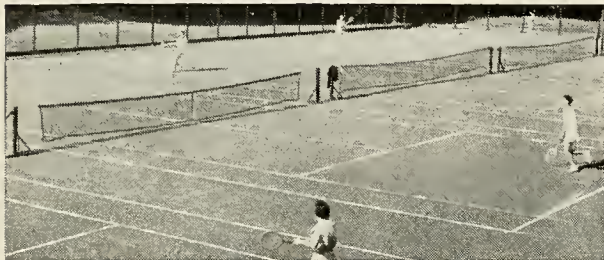
"The Navy made the first offer. Had a devil of a time getting released but the Navy helped on that. Went on active duty Feb. 15, 1943, reporting to Fort Schuyler for indoctrination. While there the Army also came through with a commission. After almost two months on Long Island I was ordered to Harvard to take a four months pre-radar course. Upon completing it successfully (calculus, transients, electronics) I was then ordered to M.I.T. for a three-months radar course. Sure was tough and several times I was almost on the ropes. Then was ordered to remain as asst. personnel officer; on that for two months and then for three I was an instructor in Special Lab. Now am on the admin-

istrative staff as personnel officer.

"The work is really interesting but all of us ashore are trying to get out. In fact, ever since I've been in I've been trying to get a deck under my feet. Have been on every type of ship, sub, PT, battleship, carrier, cruiser, destroyer, LST, but not as part of any complement."

Due to the paper shortage and the fairly comprehensive review of the careers of Lieutenants Sprecher and Ward we have only space enough left for two paragraphs about another seagoing classmate who is about to leave for foreign duty. I have corresponded regularly with "Commodore" Dewey Trantum ever since April 12, 1943, when he was commissioned as a JG in the Naval Reserve. The fact that he volunteered was mentioned in this column but Lee really never got a write-up like other servicemen, I suppose because he is a brother and such a close friend.

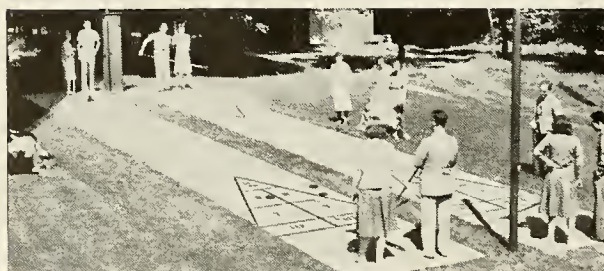
The former Brooklyn lumberman's first assignment upon joining the Navy was a one-month's indoctrination course for supply officers at the Babson Institute, Cambridge, Mass. Next he was ordered to the New Orleans Naval Supply Depot where he served successively as assistant contracting of-



A tennis game is always easily arranged—7 superb courts



Saddle horses are available for riding along safe bridle paths



Right at hand are many means for friendly competition



At CRESTMONT INN

COOL BREEZES BLOW CARES AWAY

Leave the workaday world . . . hie yourself to this breeze-swept mountain-top. Fun 'n fine living for the family at Crestmont. No mosquitoes.

: Water sports on Lake of
Eagles : Golf : Tennis :
Riding : Cycling : Dancing
: Game Room : Bridge :
Kindergartner : Music

Superb cuisine, distinguished patronage. 2200 ft. alt.
Easy to reach — rail, road. *Booklet.*

WM. WOODS, Prop.

THE CRESTMONT INN

EAGLES MERE, PA.

ficer and inventory officer. Down South, Helen, his wife, was an active member of the officers club and devoted much time to Red Cross work. In March he was transferred to Norfolk, Va., and ever since has been taking a rigorous course at Camp Allen. Now he is senior supply officer of his outfit which will be out there battling for us by the time this July issue is in your hands. In signing off for another year it gives me great pleasure to announce that I just received word that Dewey was promoted June 1st and now wears two half-inch gold stripes on his sleeve and two bars on his jaunty overseas cap. May God bless him and our countless other friends and classmates who are full of the olde Lehigh fight, all-Americans, all members of the greatest aggregation Coach Uncle Sam ever assembled to represent our country, a powerful winning team with the most versatile attack ever developed!

Class of 1930

JOHN K. CONNEEN

904 Prospect Ave., Bethlehem, Pa.

This job of pinch-hitting as class correspondent is a cinch compared to my regular job as class agent. All you need is a little news and then make a plea for some more news.

Before I get going as a correspondent I beg a little space as Class Agent. First of all I want to thank all you men who responded to my various appeals. Before this reaches you the current campaign (1943-44) will be over. A good many of the gang don't seem to realize the fiscal year ends June 30th. As I am writing this there are only four days to go. I know now we are not going to win a cup, or any kind of a prize for that matter. Our total money will exceed last year but our number of contributors will be way below. I really exerted more effort this year. Nominations for a new class agent are in order. Perhaps some new blood would help. Now don't think I am sore or even discouraged, in fact I am very proud of what we have really gained over the past two years. Again many thanks to those who have heard my plea and acted accordingly.

Had a fine letter from Leonard M. Taylor who is practicing law during the day and building landing craft at Federal Shipbuilding and Drydock Co. at night. Leonard's law office is at 514 Clinton Ave., Newark 8, N. J. He advised me that he had been in touch with Major I. M. Clyne last summer, who was then with the medical corps stationed at Fort Monmouth, N. J., and living with his wife at Deal, N. J.

Had a swell letter from Lt. Donald D. Morton, % Fleet Post Office, San Francisco, Calif. About mid-April Don was headed "for a hot spot somewhere in the Central Pacific." Don is one of those fighting Seabees. He is company commander and as transportation officer for his battalion is responsible for some 60 odd pieces of rolling stock

plus a varied assortment of cranes, shovels, scoops, road machines, etc. Am sure Don would enjoy hearing from you.

If you men are still trying to identify Clayton Boris in our May column the man is Clayton Boies, APO 513, % Postmaster, New York, N. Y. Now don't blame the *Bulletin* office, it was my illegible handwriting. Clayt is in the thick of it over there so drop him a line.

L. C. Boyer wrote the prize news letter from his home at 45 Waterston Ave., Wollaston 70, Mass. Lee is an estimator on shipwork at the Quincy

Yard, Bethlehem Steel Co. Shipbuilding Division. The Boyer's have a daughter 8 years old and a son 5. Lee's earlier hopes for a Lehigh footballer have waned since the boy is growing lean and lanky like his old man. Lee wants to know if we ever see "Womelsdorf" (H. B.) Grimes.

W. A. (Sandy) MacCalla has sent a kindly note but modestly says nothing of himself. How about some news, Sandy?

Donald B. Stabler is in the contracting business in Harrisburg and is currently engaged in strip mining operations.

NOT A SINGLE REPAIR PARTS ORDER IN 10 YEARS!

LEWIS ROLL-TURNING LATHE

ONE OF THE PRODUCTS OF
LEWIS FOUNDRY & MACHINE
DIVISION OF BLAW-KNOX CO., PITTSBURGH, PA.

Manufacturers of Rolls and ROLLING MILL MACHINERY for the iron, steel and non-ferrous industries.

W. C. SNYDER, Jr., '26 — Pres. & Gen'l Mgr.
F. E. WALLING, '34 — Works Mgr.

Captain Robert A. Herbruck is stationed at Wright Field where he is doing special work on Aircraft instruments. Your correspondent had a very pleasant "old fashioned" visit with Bob in Dayton in April.

Once more doing his stuff for Bethlehem Steel Co. is Lloyd D. Simonson, plant manager of the company's Atlas Steel Barrell Division at Bayonne, N. J., formerly Atlas Steel Barrell Co.



BEATRICE AND CAROL TONI SCHICK

" - - - their daddy is overseas"

According to correspondence received in the alumni office from the wife of Herman A. Schick we learn that "Chick" is now a Corporal in the Army Air Forces presently stationed "somewhere in Australia." Mrs. Schick also supplied us with the enclosed picture of herself and Carol Toni, who was born last December.

This particular effort as correspondent was inspired by a swell note from Fred Wyckoff. Fred's letter has also suggested the thought that we should have some guest correspondents. Volunteers will be assigned a comfortably distant date by which they are to file copy. This is important. F. J. Whitney and the writer earnestly solicit your help.

Above all we need real gossip letters to conduct this column. If you don't give us factual stuff we are even considering some fiction. Protect yourself by writing to F. J. Whitney, Old Gulph Road, Wayne, R. D., Pa., or to this correspondent.

Class of 1931

LT. COL. ROBERT H. HARRIS

1549 No. Jefferson St., Arlington, Va.

Your correspondent is sorry to report that he has again run out of

news. However, he would appreciate it if any of the *Bulletin* subscribers could furnish him information about the following, whom I have tried unsuccessfully to contact:

H. Louis Thompson's last alumni address: R. D. No. 4, Perry Heights, Erie, Pa.; Warren H. (Bucky) Schaub, Y. M. C. A., Harrisburg, Pa.

It would also be appreciated if I could have any hot dope on H. R. (Butch) Beachler, Al Belmore, Carl Claus, Steve Condit, Bob Chess, Charlie Dorworth, Jimmie Fritts, John and Charlie Folwell, Jack Harrison, Reed Laird, and Mort Lamb.

While we are on the subject, it should be pointed out that the hardest fellows to contact are the ones who do not read the *Bulletin*, so if some of you who subscribe to it get an opportunity to do so, you can be a big help if you will let some of the non-subscribers get a look at the *Bulletin*, which I think will be able to sell itself.

Also, I again extend an invitation to any of you who may pass through Washington to give me a ring at the War Department—Republic 6700, ext. 5273, and you can at least give me your vital statistics and present address.

Class of 1933

ROBERT L. DAVIS

341 Berkley Road, Indianapolis, Ind.

This is the first time your correspondent has had the pleasure of hearing from Jim Roessle since leaving South Mountain. I am quoting his letter below verbatim:

"Like the proverbial cow's tail, I feel somewhat 'behind' in supporting your class correspondent efforts, so here goes.

"After leaving Pitt Law School at the end of the first year in '34, I embarked on my ten-year sojourn at Mesta Machine Co. where I still remain in more or less blushing pride. Mesta, as you probably know, manufactures steel mill machinery, heavy machine tools and forging presses. Since the first evidence of a 'National Defense' program, Mesta has contributed heavily to the artillery branch with gun tube forgings of all types and ship shafting for the Navy.

"Speaking as a proud papa, I beg to announce that our son (nicknamed 'Punky' of all things) will be a year old on July 18th. I trust someday he, too, will trod those venerable walks on South Mountain, but that seems so far in the distant, peaceful future.

"Looking forward with fiendish anticipation to a reunion again when everything is returned to normalcy (and the Republicans!!)."

Thank you, Jim, for being so considerate. I only wish that more of our classmates would do the same. It is really tough going trying to get a column together when I see a Lehigh graduate about once every three years and a graduate from our class about

once every six years. I sincerely hope that we can see you at the next reunion and perhaps, by that time, things can be returned to the Republicans and perhaps a more active correspondent who is more centrally located.

Class of 1934

ROBERT F. HERRICK

Alumni Office, Lehigh University, Bethlehem, Pa.

News is a bit scarce on the '34 front this month, but one grand evening was provided by Bill Korn, who dropped in unexpectedly from Clarks Summit, and we had a chance to hash over old times.

Bill is still working for the Rust Craft Publishers and enjoying his job tremendously. The Korns have a lovely home, a girl five and a boy just short of two years who has potentialities of standing 6'4" and weighing 230 pounds. Any other candidates for that entering class of 1964? Ten years haven't done Bill any harm at all and if you can find any happier member of the class I'd like to take a look at him.

A post card from San Krasner advises us, for the first time, that he is in England with the rank of lieutenant. San would appreciate hearing from any of the class and he can be reached through APO 551, % Postmaster, New York.

A letter has come through from John Bradin, Jr., who is also a lieutenant and tells us that he is with the Assignment Review Board, Office of the Chief of Transportation, Pentagon Building, Washington 25, D. C. John says that he ran into "Whitey" Furman, now William A. Furman, Jr., who is also in the Pentagon Building working with Ordnance. John has joined the previously mentioned Board after completing Transportation School earlier in June.

Woody McDowell, now lieutenant (j.g.), is on duty in the South Pacific and can be reached through the Fleet Post Office in San Francisco. Sorry, but we can't give you his ship here. His residence, however, is 1940 Francisco Street, Berkeley 4, Calif.

Harold Sweeney, too, has apparently hit the high seas and can be addressed at N.A.F., Box YY, Navy 335, % Fleet Post Office, New York. New addresses have just come through for Charlie Summers, Douglas MacDouglas, Elwood Metz, Lawrence Stutz and Cel Peck, which I'll be glad to send any of you lads if you will drop me a postal to that effect.

This is "so long" until October, and with it the best of wishes from all of us over here to all of you over there until we can welcome you back.

Class of 1936

ROBERT M. EICHNER

R. D. No. 1, Ballston Lake, N. Y.

We thought you would look back here for a '36 column and it was only

because we couldn't bear to disappoint you that we went to press at all. Not a single letter! We know each of you likes to read the column but depends on the others to furnish the news. That won't work! You'll have to do your share of reporting. A letter from each subscriber once every two-years will keep things going nicely. Can't you do that much?

Here are a few addresses just received from the Alumni Office: Lt. William Austin, 9 Sommer Ave., Maplewood, N. J.; Lloyd Berg, Gulf Research & Development Co., P. O. Box 2038, Pittsburgh 30, Pa.; J. F. Brown, Nat'l. Lead Co., 1790 Columbia Rd., Cleveland, Ohio; Pfc. B. A. Cohen, Co. B, 290 Engr. Combat Bn., Camp Shelby, Miss.; M/Sgt. J. K. Cooper, Hdq. 8th Arm'd Div., APO 258, Camp Polk, La.; Ens. F. D. Hess, 731 Crane St., Catawauqua, Pa.; Major J. H. Kress, APO 600, % Postmaster, New York, Capt. R. H. Perrine, 360th Gp. Hdq., Army Air Base, Santa Maria, Calif.; Pvt. Lancey Thomson, APO 9898, % Postmaster, New York; Major G. A. Voehl, Infantry, 18th Co. 1st S. T. R., O. A. C. 51, Fort Benning, Ga.; Capt. B. W. Winship, 90th Q. M. Co., APO 90, % Postmaster, New York.

Sorry boys, that's all we can do this time. Get those letters going and we'll have a real column!

Class of 1937

LEONARD H. SCHICK

Alumni Office, Lehigh University,
Bethlehem, Pa.

This column is being written in a hurry, and so if there are any mistakes, please don't blame me. You see, we needed a few extra inches to fill the Bulletin this month and since Don Barnum is on one of his many trips for Bethlehem Steel I decided to pinch-hit once more. Frankly, I never expected to write another column, because three months ago I was tapped by Uncle Sam, and fully expected to be wearing khaki by this time. But one thing after another piled up, and now the newest Selective Service directive indicates that I may be here for another few months. So . . . let's look at the news from '37.

A few weeks ago I had a pleasant visit with Major Robert E. Crispin, and, believe me, those gold leaves rest well on his shoulders. Bob has just been transferred from the wilds of Oklahoma, and is now heading southward to join a division which is just being organized. He likes his military assignment, but insists that there is nothing between Oklahoma and the North Pole except a rickety wire fence. Cold and windy. Brrrr . . .

There really isn't much news to relate this month, but I would like to take a few minutes to run through



LT. HENRY W. SCHLENKER

" - - - he hasn't seen it"

some of the military news which has come Lehigh way in recent weeks. First, I understand that Jack Gordon, that genial "mein host" of the Hotel Bethlehem, is a Naval Lieutenant, and is currently stationed in that rum-filled island of Puerto Rico. Jose Oller is

**Diesels,
Air Conditioning,
Steam Power Plants,
Petroleum Refineries.**

wherever water is used for cooling or condensing,

MARLEY Cooling Towers

are saving owners important money—and they can prove savings over all other types of equipment for the same purpose.



LARGE or Small,

if you use water for any cooling purpose, Marley can save YOU money, too

L. T. MART, '13, Pres.

Types for outdoor or indoors service



**WHEN THERE'S NO TIME FOR BREAKDOWNS
IT'S TIME TO GET A GORMAN-RUPP PUMP**



Today, when time is the essence, you need a Gorman-Rupp Self-Priming Centrifugal Pump more than ever. There is not a quitter among them. The water passage has the same area as the suction hose. Muck, gravel, cinders—you simply can't clog them because solids cannot accumulate. There is no recirculation orifice to clog—no shut-off valve to jam—no hand priming regulator. There isn't a self-priming centrifugal pump made that will outwork a Gorman-Rupp in gallonage or continuous hours. Gas engine or electric motor driven. Capacities up to 125,000 GPH. There is a type and style to fit your every requirement. Stocked for immediate delivery in 100 principal cities.

THE GORMAN RUPP COMPANY
MANSFIELD, OHIO

JAMES C. GORMAN, '10, President and Treasurer

GORMAN-RUPP
SELF-PRIMING CENTRIFUGAL PUMPS

The MARLEY Company
Fairfax and Marley Roads, Kansas City, Kansas
Sales Offices or Agents in all Principal Cities

down that way somewhere, and perhaps he and Jack have had an opportunity to talk of the "good old days" . .

Through the kindness of Mrs. Schlenker we learned the news that **Lt. Henry W. Schlenker** is currently stationed overseas. The photo pictured here was received with a very nice letter from which I quote the following: "I am enclosing a picture of Henry which was taken several days before he went overseas and as a result he has never seen what he looks like. How I'd love to see the surprised look in his eyes when he discovers his face looking up at him when he receives the magazine on the battlefield of Italy."

Joe Bogert is now a Major with a California APO, and so is **Halvey E. Marx** . . . **Dean Stevenson**, a Chaplain, is with the 361st Infantry, and has a New York APO . . . A card from **Don Fosse** reveals that he is a Captain stationed at Camp Fannin, Texas, while **Lt. John Dwyer** is now at Camp White, Oregon . . . **Herm Hutchinson** is a Lieutenant in the Navy and currently is instructing at North Carolina State's Diesel School . . . Final military item indicates that **Lt. Karl Fenstermaker** is at Perrin Field, Texas . . . These '37ers are certainly getting around.

Several weeks ago "Flip" Fairbanks and I downed a couple of steins at the 'chor, and rehashed our undergraduate days. He is the same old Fairbanks, and at that time was considering painting

the Phi Gam piano a bright blue so that it would harmonize better with the new wallpaper in his apartment.

And now in conclusion I would like to remind you of the Class Agent's Letter which Don wrote last month. Seriously, Lehigh is in a bad way, and needs the support of all her alumni. At the present time there are only 13 soldiers in training on the campus, and there are less than 300 civilian students. Many of these will be leaving for service in the next two months, and while I doubt if our University will fold, I know the situation to be critical. So a little mazuma from you men will go a long way in helping the school through this crisis, and it will also help our class record, which, unfortunately, has been one of the worst. Any amount, no matter how small, will help.

Class of 1938

ROBERT V. HENNING

*Belmont Smelting & Refining Works, Inc.
330 Belmont Ave., Brooklyn 7, New York*

Once again it's time to put the column together, this time for the July issue. The weeks and months go by so fast these days that one can hardly keep up with them.

F. E. Chapman writes from Materials Section, Technical Div., U. S. Maritime Commission, 1413 Park Rd., N. W., Washington 25, D. C.: "My function here is to serve as assistant to the

Head of the Paint Unit by directing the Research and Specifications Branch of that Unit. I trust that if you see any of my classmates you will pass along my best wishes. My home address is 816 Greenwood Circle, Takoma Park 12, Md."

Lt. (j.g.) W. B. Woodrich, FPO, San Francisco, Calif., writes—"Your letter was most welcome and it was good to hear what some of the boys are doing. Strangely enough there are very few Lehigh men in this outfit, the only one I can think of at the time is a boy named **Whalen** from the Class of '40 who is a first Lieutenant in the Marine Engineers. We left the States in January and went straight to the northern end of Kwajalein Atoll and participated in the assault on the islands of Roi and Namur. Perhaps the most noteworthy feature of that episode was the magnificent barrage and bombardment laid down by the Naval gunfire and the Naval Air support. We pulled out of there after about two weeks, spending one hellish night when the Japs got some bombers through and hit our crowded little island. I am Company Commander now of Company G and have three officers and 226 men. Our function during the assault is the Shore Party, which simply means the organization of the beach and the handling of the supplies. Later we revert to construction work, which of course is much more to our liking. Give my best to any and all you may chance to see."

John Ferguson writes, "To report briefly, I am with the Pratt & Whitney Aircraft Division, United Aircraft Corp., stationed at their East Longmeadow, Mass., plant in the capacity of Assistant to the General Superintendent. Previous to last October, I was an Assistant to one of the Divisional Superintendents in the main plant in East Hartford, Conn. My present boss, **L. H. Lancaster**, is also a Lehigh grad., class of about 1914, I think. I'm glad to have your address, and will forward any further Lehigh news I hear." John's address is 94 Surrey Road, Springfield, Mass.

Bill Hempel, 4173rd QM Depot Company, Camp Howze, Texas, writes—"From November, 1940, to May, 1942, I was operating post laundry set-ups. From May, 1942, to April, 1944, they had me pushing mobile laundries around in Georgia, Florida, the California desert and in Louisiana. Was surprised to run into **Col. Carter C. Collins** at Camp Polk Hospital and what with doing a rush job on his laundry, reminiscing and getting some pointers, I enjoyed the visit. **Colonel Collins** has a regiment in the 92nd Division. I was very interested to see the nice write-up on **Whitey Sterngold**—he is the kind of a guy you'd expect to do such a swell job."

Harland Maxwell writes, "Just a line to advise you that I am now an Ensign in the Navy (USNR to be exact). I am just completing a course here at the Navy Yard in Washington and

Real Service



"A guarantee and pledge to the anthracite consuming public to maintain the highest standards of preparation and quality at all times."

NEW methods of use for coal in industry merit the consideration of all industrial consumers. The services of our Industrial Department are available without obligation.

Weston Dodson & Co., Inc.

Bethlehem, Pa.

G. R. RADFORD, '84
A. C. DODSON, '00

H. B. TINGES, '12

C. G. SCHANTZ, '20
I. K. EBERHART, '22

*W. J. KISTLER, '33

*JOHN LISLE, '35

*Serving with the Armed Forces

will be heading for Jacksonville, Fla., in another week. **Walt Blackler** is still working for Heintz in Philadelphia where I was working before entering the Navy." Harland Maxwell's address is 125 Indiana Street, Maplewood, N. J.

Lt. M. S. McDowell, APO 292, San Francisco, Calif., writes, "Received your card and was quite pleased to hear from you. I'm way out here in the South Pacific trying to help out in this war against the Japs. I am flying a medium bomber and am the first pilot on it now. I've succeeded in getting several missions. As for combat, there is nothing to say that is flattering. All that glamour you read about is minus. It's just pure hard, dull boring work."

Congratulations

To **George Sheppard** on the birth of a son, **George Linton Sheppard**.

To **Edward Pollack** on the birth of a daughter, **Ellen Jean**, on Tuesday, June 6, 1944.

The addresses of some of the rest of us are: **Lt. Allan C. Crane**, AGF Repl. Dept. No. 1, Fort George G. Meade, Md.; **Capt. D. W. Edwards**, Co. E, School Regt., Camp Lee, Va.; **Lt. A. S. Goldstein**, APO 9882, % Postmaster, San Francisco, Calif.; **Capt. F. S. Nelson**, AFG Repl. Depot No. 1, Fort George G. Meade, Md.; **Major R. G. Phelps**, 1004 Louisiana St., Little Rock, Ark.

Keep the mail coming, fellows.

Class of 1940

RALPH E. MARTIN

393 No. Main St., Wallingford, Conn.

The May issue included a fine list of our uniformed "40's" and a breakdown of these in the service. I hope you fellows enjoyed looking over this as much as I did.

A card from **Bob Waite** announces his marriage to **Margaret L. Bateman** on March 4 at Wallingford Presbyterian Church, Wallingford, Pa. Best of luck from us all, Bob.

Bob also says, "**Philip DeHuff** is an engineer investigator with Westinghouse Elec. & Mfg. Co. at Essington, Pa., and **Fernand Flory** is still Naval Inspector in charge of radiography for the Chester area."

By way of **Bob Carter** and **John Duffin** I hear that **Hercules Powder Co.** still has "**Bromo**" Seltzer at Radford, Va., **Art Harding** at Bessemer, Ala., and **John** at Salt Lake City. **Wilbur Schaffer** left Salt Lake City for the Army. "**Duffy**" says he and **Truchsess**, who is at DuPont, Parlin, N. J., expected additions early this spring. Let's hear how you made out you fellows. **J. V. McGuire** is still with **Allis Chalmers** at Milwaukee. He was married last November.

Incidentally, **Bob Carter** is still with **Aluminum Co.** in Phoenix, Ariz., and "**Wes**" **Sawyer** writes from Bethlehem

that he hopes to be in the Navy soon, if he can talk the Steel Co. into a release. "**Wes**" used to spend his summers oiling tankers on the Phila.-Texas runs so he should be an asset to the Navy.

That's all the news on hand. Let's hope you fellows get a chance to drop me a card this summer.

Class of 1942

LT. (J.G.) FRANK S. MCKENNA

223 Newcomb St., S.E., Washington, D. C.

Well, I had a chance to get back to Lehigh the week end of June 10. The occasion was the wedding of **Capt. Mac McConnell** and **Mary Wien** of Palmerston, Pa. **Lt. John Quincy** was the best man and **Lt. (j.g.) John Norwood** was also present. Saturday morning I made my way around South Mountain to Taylor Gym. I had a long chat with **Eb Caraway**, **Bart**, **Billy**, and **Mike** and **Jimmy**. It sure was a treat to go up to the wrestling room and put my shoulders next to the mat again. The campus looks about the same except for the absence of students and the deserted fraternities. We got down to the Maennerchor with "**Sunnie**" **Edwards** and had a good Lehigh Sangerfest. Was sorry to find out that **Bill Metzger**, who had opened the 'Chor door for many of us, had died just a week previously.

Lt. Archie Tiff wrote me from Italy

NATIONAL ROLLS

CAST IRON CHILL and ALLOY TYPES
for all Ferrous and Non-Ferrous Purposes

Heavy Iron Castings

CAPACITY AVAILABLE

(Air Furnace or Cupola Iron)
(Up to 70,000 Pounds)

• We have capacity for heavy iron castings and can make good delivery.

Machining capacity on 8 ft. by 36 ft.
and 7 ft. by 22 ft. planers

We invite your inquiries, which will receive our immediate attention.

THE NATIONAL ROLL & FOUNDRY CO.

MANUFACTURERS OF

ROLLING MILL EQUIPMENT

WATER COOLED STANDINGS

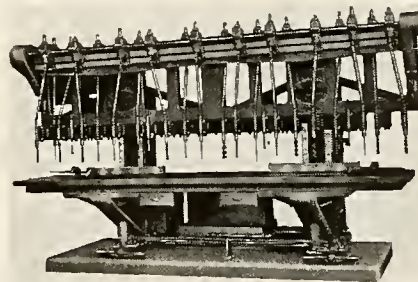
AND

HEAVY IRON & STEEL CASTINGS

CHILLED AND SAND RILLS

SPECIAL IRON ALLOY RILLS

AVONMORE, PA.



☆ Engineering and Plant Facilities for designing and building Special Machinery.

☆ Modern well-equipped factory for manufacturing tools, jigs, fixtures — machining small and large parts on contract basis.

☆ Complete line of Multiple and Single Spindle Boring and Drilling Machinery for Wood, Plastics, Composition Materials, and Light Metals—67 different models and sizes available.

BENJ. T. ROOT—'06

J. WM. STAIR—'06

B. M. ROOT CO., YORK, PA.

that although his experiences in Africa and Italy have been extremely interesting, he's ready to catch the first plane back to Joe Kinney's. Archie is in charge of Shipping, Air Freight, O. E. L., and Special Projects for his outfit. The following class news is through the courtesy of Archie: **Ray Meckback** has his second bar after service in Egypt, Africa, and now England; **Pinky Cullen** is making nylon at Seaford, Del.; **Dick Muehlberg** is now a Lt. Colonel, which makes him S.O.P. among the '42's; **Pres Parvis** is a stretcher bearer; **Ralph Moss** is a Lt. in the Air Corps doing Personnel work at Selman Field; **Bud McAfee** is a Lt. in the Q. M. C. having worked his way up from Private.

Dick Metins "slipped a diamond on Edith Rorke's finger on April 7." Edie is from Wynwood, Pa. Also heard that **Bob Beck** has received a commission in the Navy and reported to Princeton for training on June 26.

Phil Saitta writes that being connected with the flying end of the 8th Air Force is sure a full time job. **Lt. Bob Clark** is in his 23rd month in Alaska and is hoping to be rotated in August or September. **Jesse Beers**, who is a SM 3/c, said that the amount of gold braid thrown around in the *Bulletin* had made him a little timorous of writing, but that he was writing in the interests of the enlisted men.

This month's list of APO addresses include: **Lt. W. S. Shuttleworth**, **Lt. John M. Roach**, **Pvt. A. H. Okamoto**, **Corporal S. Goldstein**, **Lt. C. R. Finley**, **Lt. J. J. Donahue**, **Capt. W. L. Clark**, and **Lt. R. N. Davis**.

Lt. James A. Gordon and **Miss Jane Ellen Sidford** from Summit, N. J., announced their engagement May 6. When the rest of you guys get engaged

or married or what have you, let me know about it.

Class of 1943

ENSIGN SAMUEL J. DAVY

U.S.S. Spot, Navy Yard, Mare Island, Calif.

To begin the month, a few statistics anent the class and its column should not be amiss, for in the first seven columns (make it eight just in case we've forgotten one) 166 men have been reported on at least once, and of these 49, or about 30%, have crept into print more than once. The figure 166 represents (with a mental slide rule only) about 65% of the combined graduating classes. We're sorry for this inevitable incompleteness, but even so this high a figure is inspiring and bespeaks reasonable coverage. Most of the credit goes to those of you who have been writing those welcome letters, and continued coverage will depend more and more on written contact with us from all of you. Swamp us with dope, fellows!

A letter from **Lt. Bill Holberton** arrived in April from Camp Croft, S. C., where he was training men to become members of Pioneer Platoons, which is the infantry's small scale edition of the engineers. He finished OCS in September with **Lt. J. D. Ryan**, who went on to a cannon course at Benning and then to Camp Blanding, Fla.

Dick Palmer's return address came through with as much news as his letter did, for it indicated his silver bars came through to him at North Camp Hood, Tex., only seven months after commissioning there in Tank Destroyer RTC. As far as we know, this is the first promotion among the

September OCS graduates, and congratulations, Bradbury!

More complete information on **Ens. Bob Whipple** comes from **Sparky Adams**, '42, who indicates the Prexy stopped over at Mare Island while awaiting transportation to a SoWesPac atoll where he will set up an ordnance supply depot for 20 and 40 mm guns. We just missed the old boy ourselves by one day when we arrived April 15 at Mare Island.

When **Pfc. Jack deGronchy** left Indiantown Gap after nearly a year there for the Quartermaster Department at Ft. Royal, Va., two classmates in the persons of **Lts. Nick Carter** and **Harrison Brennan** turned up at Indiantown to take his place—and not only incidentally his place at Joe's and the 'Chor on weekends. Sounds like wonderful duty while it lasts.

A few of us will be luckier than the rest in globe-trotting during this war, and so far **Cpl. Bill Bellinger** seems to be the trottingest of all, for after a tour of duty in North Africa he has turned up at a station in India. Aleutians, England and the Atolls are all that is left, Bill, and the worst is probably over.

Lt. Ray Duncan was last heard from in a bombing squadron at the Army Air Field, Victoria, Kan. **Lt. Otto Stearns**, who married Betty Birk, and **Lt. Harry Olmstead**, who married Jean Dickson (both are Moravian girls, different classes), have both headed overseas since March, and now are boasting APO New York addresses. **Lt. Bob Boston** was in aviation ordnance at Camp Campbell, Ky., early in the Spring, and **Lt. D. W. Robinson** was with an AA battalion at Camp Stewart, Ga., about the same time.

Add classmates with APO addresses out of New York are: **Lt. J. J. Hucker**, **Cpl. Bill Egge**, **Lt. Al VonBlock**, and **Cpl. Art Lehrer** who is in field artillery; out of Shreveport, La., is **Lt. Bart Heinz** who spent the winter training at Benning; and out of Frisco is **Lt. Tommy Golden**, also infantry.

In the AAF, **Pvt. Buck Leckie** is said to be at Sedalia Air Field, Knob Noster, Mo., and is known to have enjoyed a 14-day furlough back East in March. **A/C Gordie Compton** is at Blackland Field, Waco, Tex., and **A/C L. W. Ellstrom** is a navigator cadet at Ellington Field, Tex.

At Ft. Bragg, N. C., the boys must have formed a '43 club, for there are four infantry Lts. down there: **Bob Rumsey**, **George Bussmann**, **Ken Porter**, and **Dick Bernasco** are the men in question, and the party possibilities are endless (this was February, however, and probably didn't last long). **Camp Crowder**, Mo., boasted three men about the same time in **Cpls. Walt Titlow**, **Nathan "N. G." Lesh**, and **Pfc. Warren Hoffman**. That's the Signal Corps down there.

Lt. Bob Fuller is at the Tank Automotive center in Detroit, and in the same village with him are **Lts. Bert Hemphill** and **Bob Bailey** who hang their hats in the office of the chief of

THE BODINE CORPORATION

MANUFACTURERS OF

DIAL FEED AUTOMATIC
HIGH SPEED MACHINERY

FOR

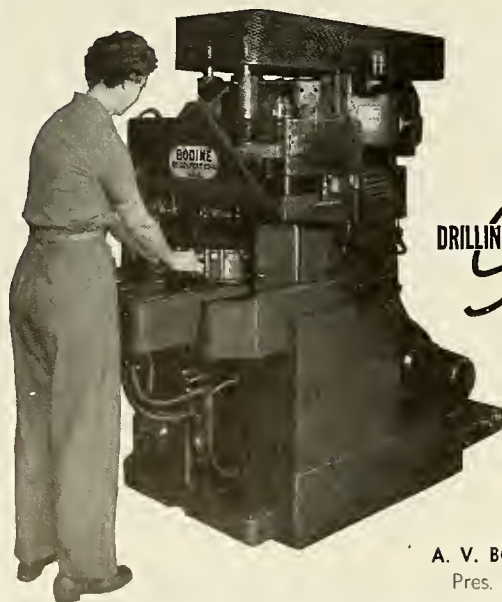
DRILLING, MILLING, TAPPING, SCREW INSERTING

Simultaneously

3 MOUNTAIN GROVE ST.
BRIDGEPORT . . . CONN.

A. V. BODINE, '15
Pres. and Treas.

A. V. BODINE, JR., '40
Asst. Sec.



ordnance—or did in February. **Harvey Nelken, John Corson** and **W. C. Pearson** were at Camp Reynolds, Pa., early this year, but are certainly overseas now for the average tour of duty at that replacement center is something like two weeks, or just enough time to foul the pay accounts.

Lt. George Stone is stationed at Maxwell Field, where **Bill Schmoll** and **D. G. Sanders** are air cadets in fighter training. **Pvt. Bill Fisher** is in Field Artillery at Camp Bowie, Tex., and **Lt. Ross Vachon** was in a Ft. Meade replacement pool in March. **Lt. Jim Mulhern** is at Bainbridge, Ga., and **Lt. J. J. Hoch** is at Camp Hulén, Tex. **Lt. Franklin Himmelberger** is training at Benning; **Lt. Paul Nestleroth** is at a special Aberdeen school; **Lt. J. J. Maloney** is with an engineer combat battalion at Camp Rucker, Ala.; **Lt. Bill Palmer** is in infantry at Camp Adair, Ore., and **Lt. Jim Price** is at Jefferson Proving Grounds in Madison, Ind.

Al Laponsky moved from Cambridge to Fresno, Calif.. for advanced signal corps work, and **A/C R. G. Schenck** reports from the AAF schools at Yale while **Pfc. L. H. Leidig** was at Camp Lee, Va., during the winter.

Now to slip easily from Army to forces afloat: in the Marines **Lt. Harry Clarke** is with the 3rd Marines out of Frisco; **Lt. George Schneider** is with the Marines at Camp Pendleton, Calif. and both **Chuck Fehnel** and Genial **Jon Conforte** are in the paymaster's

office at Quantico, Va.

That winds up the roll this time, except that we forgot to mention **Lt. Phil Thomas**, who is making some sort of survey with the Bakelite Corp. for the Army at Bloomfield, N. J. For ourselves, the Spot went down the ways in May. Now it's every Jan for himself.

Births

CLASS OF 1927

To Mr. and Mrs. Irvine J. Kittinger,
a daughter, Karen, born May 13.

CLASS OF 1928

To Mr. and Mrs. William H. Colver,
Jr., a son, Charles Floyd, born June 4.

CLASS OF 1930

To Mr. and Mrs. Robert P. Lentz, Jr., twin sons, Robert Pierce, 3d and Roger Townsend, born June 5.

CLASS OF 1936

To Mr. and Mrs. Edward S. Gallagher, a son, Jeffrey Russell, born May 14.

CLASS OF 1938

To Corporal and Mrs. Edward M. Pollack, a daughter, Ellen Jean, born June 6.

To Ensign and Mrs. George Shepard, a son, George Linton, born May 7

CLASS OF 1941

To Mr. and Mrs. Wallace K. Douglass, a son, Wallace, Jr., born May 31.

Marriages

CLASS OF 1930

Gilbert L. DeHuff was wed to Miss Anne Isabel Bradley, June 15, in Ottawa, Canada.

CLASS OF 1939

Captain F. Graham Ort was wed to Miss Myrtle Shortridge, May 23, in the First Presbyterian Church, Cumberland, Md.

CLASS OF 1941

Bernard A. Briody married Miss Elizabeth Marie O'Reilly in St. Ursula's Church, Bethlehem, on June 17.

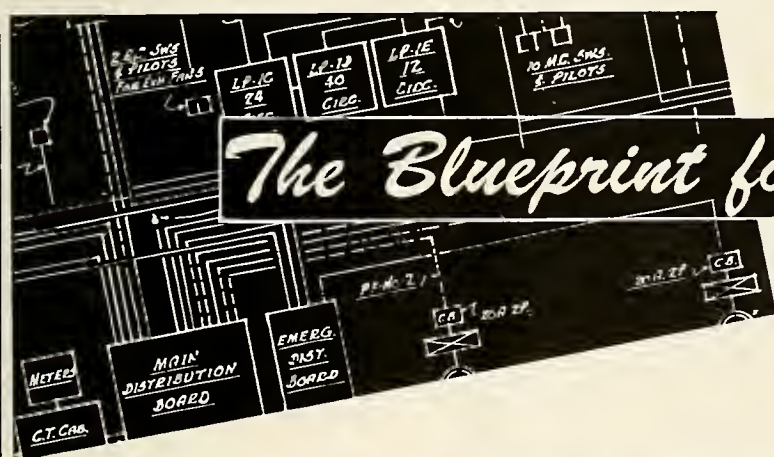
Captain Robert W. Dech married Miss Lorraine L. Wheeler, June 15, in the Chapel at Fort Benning, Ga.

Ensign John L. Gretz was wed to Miss Sarah N. Lord in Old St. David's Church, Radnor, Pa., on June 24.

Ensign Clarence G. Reber married Miss Margaret Maureen Mannion, June 10, in St. Justin's Church, Hartford, Conn.

CLASS OF 1942

S/Sergeant William P. Varner married Miss Betty Caroline Barthel, June 24, in Scranton, Pa.



The Blueprint for Tomorrow

BY MICHAEL FARADAY

NO MATTER how streamlined the future, how revolutionary the post-war developments, the basic laws of science, as revealed by Faraday, and by Newton, and by Archimedes, continue to shape the destiny of man.

And executives who pause in the midst of their planning to advise colleges, still say, "Give us a graduate well grounded in basic subjects—we'll give him the specialization!"

Lehigh University has stressed that very theme for years. It is as true in the College of Arts and Science as in the College of Business Administration and in the nine curricula comprising the College of Engineering.

Education for tomorrow--by Lehigh University



CLASS OF 1944

Edmond C. Fetter, Jr., married Miss Ethel Mae Cutsler, June 19, in Packer Memorial Chapel.

CLASS OF 1945

A/C Wallace S. Townsend was wed to Miss Dorothy C. Nickerson, in Old Greenwich, Conn., June 17.

In Memoriam

George R. Baldwin, '88

Recent correspondence from the wife of George R. Baldwin informs us of the sad news of her husband's passing on May 26. No additional information was received.

Charles H. Corbin, '91

A recent letter from a cousin to Charles H. Corbin informs us of his death on April 16. At the time of his death Mr. Corbin was serving in the capacity as a druggist in Victor, Colo.

Harry F. Anders, '07

The sad news of the death of Harry F. Anders on April 3 was received here in the alumni office without any further details. However, at the time of his death Mr. Anders was employed as an Engineer with the Maintenance of Way Dept., Union Pacific R. R., Cheyenne, Wyo.

William G. Fluharty, '09

Word has only reached the alumni office of the death of William G. Fluharty on March 28.

PROFESSIONAL CARDS

NORTON & TOWNSEND
Architects

405 Temple St., New Haven, Conn.
 C. F. Townsend, '95 (B.S. in Arch.)
 Sole Proprietor

"Architect for the Phi Delta Theta Chapter House"

PIERCE MANAGEMENT
Engineering Consultants and Mine Managers
Anthracite — COAL — Bituminous

A successful background in the practical solution of difficult engineering and management problems.

J. H. PIERCE, '10

Scranton Electric Bldg. Scranton, Pa.

New York City 51 East 42nd St.

VISSCHER & BURLEY
Architects

Rezin Davis Svend B. Sommer

CHARLES ENZIAN . . . 1901

Consulting Mining Engineer and Geologist

Miners National Bank Building
 Wilkes-Barre, Pa. Hazleton, Pa.

Forty years corporation, state and federal experience in Anthracite and Bituminous coal fields of United States and Canada.

Mine Roof and Surface Support
 Studies and Reports

Development, Operation, Appraisal, Safety and
 Mine Roof and Surface Support
 Studies and Reports

George J. Speicher, '28

Mail addressed to Lieutenant George J. Speicher was recently returned marked deceased. It is believed that Lieutenant Speicher was killed in the North African sector.

Paul W. Cheever, '39

First Lieutenant Paul W. Cheever died from injuries received May 16 in the Italian sector according to a message received from the War Department.

He is survived by his parents, his wife, and a daughter.

Linton M. Seifert, '39

Lieutenant Linton M. Seifert died from injuries received in a plane crash in the Mississippi River enroute from Texas to Washington, D. C., on February 11.

Lieutenant Seifert was a member of the faculty of the Officers' Training School at Fort Belvoir, Va., before being transferred to the Third Army Mine School in California last December. A graduate of Lehigh, class of 1939, he was a member of the Kappa Sigma fraternity. Prior to his military service, Seifert was a metallurgist for the U. S. Metal Refining Co. and a member of the American Metal Society.

He is survived by his parents, his wife, and a brother, H. Burtis Seifert, a student at Lehigh.

Maxwell W. Corpening, '41

From Ensign Donald Bedell, '41, we learned of the death of Ensign Maxwell W. Corpening. Ensign Corpening was killed in a mid-air collision on May 29 at South Kingston, R. I., while on a training mission. While at Lehigh Corpening was a member of the Theta Xi fraternity.

Arlington W. de Canizares, '43

Word was received of the death of Lieutenant Arlington Ward de Canizares on April 9 as the result of injuries received in the European area. He was 22 years of age.

Young Canizares went overseas about January 15 and was attached to the famous Zemke Squadron, about which the "Stars and Stripes" had this to say: "As of today the crack P-47 fighter group (Zemke Squadron) has shot down 373 German planes. That makes them the hottest fighting group in the world, with no apologies for plane flown or theatre flown in."

Lt. Canizares was the pilot of a P-47 fighter plane, was a holder of the Air Medal with two clusters and was entitled to wear the Presidential Citation ribbon.

He is survived by his parents.

Mortimer J. Marks, '45

Lieutenant Mortimer J. Marks, of Queens Village, New York, was reported killed in a plane crash in Jacksonville, Fla., on June 13. No additional information was received.

DIRECTORY OF LEHIGH ALUMNI CLUBS

Allentown. W. W. York, '24, (P); C. V. Converse, '28, (S), 143 N. 28th St.

Bethlehem. (Home Club) J. K. Conneen, '30, (P); W. E. Martin, '27, (S), 503 Dime Trust Bldg., Allentown, Pa.

Central New York. Gordon Kent, '07, (S). The Kent Co., Rome, N. Y.

Central Penna., C. F. Class, Jr., '27, (F); B. M. Root, '35, (S), 208 Kelso Ave., Paxtang, Harrisburg, Pa.

Central Jersey. J. H. Pennington, '97, (P); C. F. McCoy, '37, (S), 107 King George Road, Pennington, N. J.

Chicago. W. O. Gairns, '26, (P); E. K. Collison, '07, (S), George A. Fuller Co., 111 W. Washington St.

China. T. C. Yen, '01, (P), 166 1/4 Avenue Dubail, Shanghai, China

Cincinnati. B. E. Keifer, '18, (P); C. C. Sherrill, '35, (S), Box 111, Glendale, Ohio.

Delaware. W. M. Metten, '25, (P); G. H. Cross, Jr., '30, (S), 2204 W. 11th St., Wilmington, Del.

Detroit. R. A. Lodge, '33, (P); E. E. Krack, '36, (S), 10386 Crocuslawn Ave.

Maryland. W. F. Perkins, '13, (P); F. J. Flanagan, Jr., '33, (S), 4210 N. Charles St., Baltimore, Md.

Monmouth County, Jersey. C. A. Wolbach, '18, (P); Carlton M. Roberts, '25, (S), 1508 Grand Ave., Asbury Park, N. J.

New York. F. E. Portz, '17, (P); Wm. McKinley, '19, (S), 414 E. 52nd St.

Northeast Penna. F. S. Lubrecht, '12, (P); G. G. Jacobosky, '07, (S), 211 So. Main St., Wilkes-Barre, Pa.

Northern New Jersey. L. B. Kingham, '25, (P), 53 Wayland Drive, Verona, N. J.

Northern Calif. R. H. Tucker, '79, (P), 1525 Waverly St., Palo Alto, Calif.

Northern N. Y. N. Y. Cox, '34, (P); E. S. Gallagher, '36, (S), 1134 Glenwood Blvd., Schenectady, N. Y.

Northern Ohio. G. P. Nachman, '14, (P); H. B. Osborn, Jr., '32, (S), Ohio Crankshaft Co., 6600 Clement Ave., Cleveland, Ohio.

Philadelphia. T. G. Conley, Jr., '24, (P), 6733 Emlen St.

Pittsburgh. J. H. Throm, '11, (P); H. E. Lore, '35, (S), 305 Chestnut St., Sewickley, Pa.

Southern Anthracite. H. R. Randall, '23, (P), Rhoads Contracting Co., Ashland, Pa.

Southern New England. John R. Waltman, '25, (P); L. H. Van Billiard, '23, (S), Newtown, Conn.

Southeast Penna. H. J. Kaufmann, '10, (P); George Potts, '23, (S), 536 Court St., Reading, Pa.

Southern Calif. H. W. Tice, '13, (F); R. M. Stettler, '18, (S), 1206 S. Maple Ave., Los Angeles, Calif.

Washington, D. C. E. C. Gott, '21, (P); Samuel Scrivener, '26, (S), 3422-36th St., N. W.

Western New York. S. M. Brown, '36, (P); L. G. Meurer, '26, (S), Marine Trust Bldg., Buffalo, N. Y.

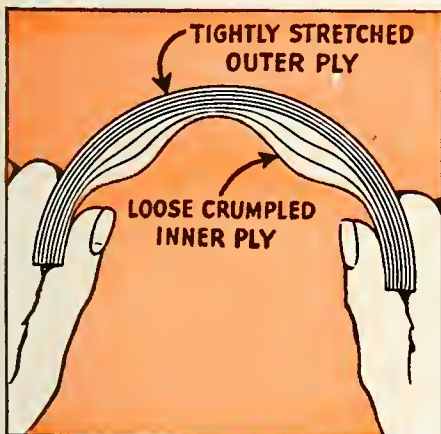
York, Pa. J. G. Bergdoll, '19, (P); C. H. Neiman, '36, (S), 330 W. Jackson St., York, Pa.

Youngstown, O. J. S. Stanier, '23, (P); J. A. Waterman, '30, (S), P. O. Box 135, Poland, Ohio.

MANHATTAN'S

COMPENSATION PRINCIPLE

—with its fatigue-relieving Strength Members—
gives you longer belt life,
more power at the Point of Production



Try this yourself to illustrate what happens when your belts lack Compensation. A pad of paper, held firmly and bent has buckling sheets on the inside of the curve. This shows lack of equal tensions and illustrates why the plies of conventional belt "bootleg."

The Compensation Principle makes every ply work under equal stress—and prolongs the life of belts made from today's synthetic rubbers. You no longer need penalize your production by constant alternating of "stretch and buckle" stresses which, in ordinary belt, cause ply rupture as the belt goes round the pulley. Look at the diagram below which illustrates the difference between ordinary belt and Compensated Belt behavior under curve load. Note how Compensation—a patented and exclusive MANHATTAN development—*equalizes ply stresses*, prevents these destructive alternations of "stretch and buckle." Note how smoothly and uniformly the Compensated plies flex around the curve—providing fatigue relief for "war" rubber.

The amazing service you get is the result of MANHATTAN'S specially designed Strength Members so laid in FLEXLASTICS* that you get

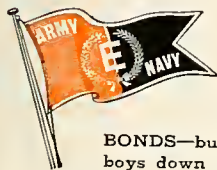
a truly Compensated Construction—flexible, longer-lived, with high overload capacity and capable of running over smaller pulleys without danger of ply separation or rupture of outside plies.

This principle of Compensation was developed for Condor Compensated Transmission Belt but is now also incorporated in MANHATTAN Conveyor Belts to increase service life where small end pulleys are used.

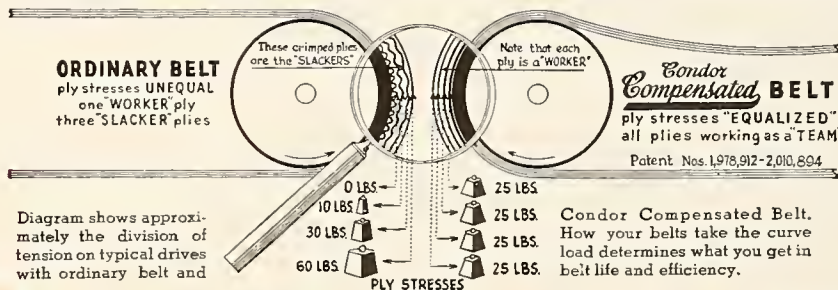
Users report 3 to 4 times longer fastener life. A paper mill reports a 9-year-old Compensated Belt "still performing like new." "100% more starting load capacity without appreciable belt slip," is still another comment.

Compensate yourself three ways—safeguard production, get longer belt life, increase power transmission efficiency with this revolutionary Compensation Principle in MANHATTAN Belts.

*The term FLEXLASTICS is a MANHATTAN Trade Mark. Only MANHATTAN can make FLEXLASTICS.



BONDS—buy more to bring the boys down the home stretch.



KEEP AHEAD WITH



THE MANHATTAN RUBBER MANUFACTURING DIVISION

of RAYBESTOS-MANHATTAN, INC.

EXECUTIVE OFFICES

PASSAIC, NEW JERSEY

William Warr, '95 A. J. Kutzleb, '13
F. H. Williams, '39 Stewart Monroe, '22

For today's needs-

and for help in your
plans for the future
call on-

dependable

SHAW

PRE-FABRICATED
PIPING

For any installations . . . Pre-Fabricated
Piping is better Piping. The benefit of
our fifty-one years of experience in this
field is yours for the asking.

Benjamin F. Shaw
President

Benjamin F. Shaw Company
Second and Lombard Streets
Wilmington, Delaware

BENJAMIN F. SHAW II, '31, PRESIDENT

